

# Océ|User manual

## **Océ VarioPrint 2070 Prémia Class**

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Configuration and maintenance tasks

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## Notes for the reader

### Introduction

This manual helps you to use the Océ VarioPrint 2070 Prémia Class. The manual contains a description of the Océ VarioPrint 2070 Prémia Class and guidelines to use and operate the Océ VarioPrint 2070 Prémia Class. There are also tips to increase your knowledge of the Océ VarioPrint 2070 Prémia Class and to help you manage the workflow even better.

### Definition

#### Attention Getters

Parts of this manual require your special attention. These parts provide important, additional information or are about the prevention of damage to your properties.

### Note, Attention and Caution

The words **Note**, **Attention** and **Caution** indicate these important parts.

- The word **Note** comes before additional information about the correct operation of the Océ VarioPrint 2070 Prémia Class or a tip.
- A part marked with **Attention** contains information used to prevent damage to items, for example the Océ VarioPrint 2070 Prémia Class, or a file.
- A part marked with **Caution** contains information to prevent personal injury. **Caution** is found only in manuals that describe physical products.

### Safety information

You can find the safety information for this product in the **Instructions for safe use** and the **Safety Data Sheets**. The instructions for safe use and the Safety Data Sheets are included in the appendices of this manual.

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# **Chapter 1**

## **Introduction**

# General Information

## About the Configuration and Maintenance Manual

The Configuration and Maintenance Manual describes the tasks that the Key Operator can perform using the key operator system of the Océ VarioPrint 2070 Prémia Class.

The user CD-rom, delivered with the Océ VarioPrint 2070 Prémia Class, provides you with the user manuals in digital format. You can also find Quick Reference Cards on this CD-rom.

The Key Operator can configure or maintain the Océ VarioPrint 2070 Prémia Class system from a computer that runs an Océ application to control the system. The on-line help of this application provides information on how to control the system remotely.

The Océ web site [www.oce.com](http://www.oce.com) facilitates free user-manual download.

# About Océ VarioPrint 2070 Prémia Class Users

## Introduction

The Océ VarioPrint 2070 Prémia Class documentation addresses three types of users. Each type of user has defined tasks, related to the Océ VarioPrint 2070 Prémia Class system.

This Configuration and Maintenance Manual describes the tasks of the Key Operator *'About the Configuration and Maintenance Manual'* on page 10.

## Types of users and their tasks

Types of users	Tasks
End user	<ul style="list-style-type: none"> <li>■ Print digital documents.</li> <li>■ Copy paper documents.</li> <li>■ Scan paper documents.</li> <li>■ Control document flow.</li> <li>■ Load paper in the trays.</li> <li>■ Clear paper jams.</li> </ul>
Key Operator	<ul style="list-style-type: none"> <li>■ Define access-security to machine and the machine's components.</li> <li>■ Define default job settings.</li> <li>■ Control paper trays.</li> <li>■ Control output.</li> <li>■ Control the print mode.</li> <li>■ Obtain system information.</li> <li>■ Set energy save timers.</li> <li>■ Maintain the accounting system.</li> <li>■ Maintain machine supplies.</li> <li>■ Solve easy machine problems.</li> </ul>
System Administrator	<ul style="list-style-type: none"> <li>■ Control the connection of the system to the network.</li> <li>■ Configure the scan server.</li> <li>■ Configure the print server.</li> <li>■ Configure the web server.</li> <li>■ Configure protocols.</li> <li>■ Maintain and install the drivers.</li> </ul>

# About the Océ VarioPrint 2070 Prémia Class



## Introduction

The Océ VarioPrint 2070 Prémia Class has been developed from a proven system to create, print, copy and scan high-quality jobs. The productivity and the print speed of the Océ VarioPrint 2070 Prémia Class benefit office and central reproduction departments.

The new technologies and features developed for this release provide an improved workflow to execute jobs, in combination with the Océ Intra Logic application. In addition, the Océ System configuration provides a new method for configuring and maintaining the system.

## Features of the Océ VarioPrint 2070 Prémia Class

The Océ VarioPrint 2070 Prémia Class system combines previously tested technologies with new features.

Features
The Mailbox: for last-minute print job control.
The Smart mailbox: used to print jobs stored in remote mailboxes.
The Combine key  : used to copy or scan separate job parts.
The Interrupt key  : used to suspend a job, start a high-priority job and resume the suspended job.
Scan-to-email: used to scan a document and send it as an attachment to your e-mail address.
The Océ Finisher control technology: to direct the output of the copy and print jobs. The bin capacity has been increased.
The Océ Image Logic technology: used to detect and optimize light sections, lines and photos in the originals in order to get the best image quality possible.
The Paper Positioning Module: to increase the accuracy of the image position on the sheet.
The automatic 90° image-rotation technology: used to match the feed direction of the originals and the orientation of the paper in the paper trays.
Off-line stapling: to staple manually, during job processing.
A5/Us Std 5.5x8.5 copying: used to copy A5/Us Std 5.5x8.5 originals to A5/Us Std 5.5x8.5 paper.
Adobe® PostScript® 3™ and direct PDF printing.

Features
Improved network connectivity features: Apple Macintosh®, Microsoft Windows®, NetWare Novell® and UNIX environments.
Control the print and scan jobs by using the Océ Intra Logic application.
Display the Océ VarioPrint 2070 Prémia Class information by using the Océ Intra Logic application.
Control the jobs in a central reproduction environment by using Océ Job SubmitIT.
Integrated controller (DAC).
An up-to-date design and improved ergonomics.

## Applications and methods to configure and maintain the Océ VarioPrint 2070 Prémia Class system

Method	Description
Key operator System on the Océ VarioPrint 2070 Prémia Class	The display screen on the machine provides the settings for the system and machine configuration.
Océ System configuration application	The web based Océ System configuration provides the settings for the system, machine and network configuration.

## Océ VarioPrint 2070 Prémia Class documentation

Types of users	Documentation
End user	<ul style="list-style-type: none"> <li>■ The Océ VarioPrint 2070 Prémia Class Job Manual.</li> <li>■ Quick Reference Card for referring to the settings and the main jobs.</li> <li>■ Instruction Cards to explain easy copy, print and scan jobs.</li> <li>■ The online help of the applications, to manage the Océ VarioPrint 2070 Prémia Class document flow.</li> </ul>

Types of users	Documentation
Key Operator	<ul style="list-style-type: none"><li>■ The Océ VarioPrint 2070 Prémia Class Configuration and Maintenance Manual.</li><li>■ Maintenance Card for reference to the maintenance of the Océ VarioPrint 2070 Prémia Class.</li></ul>
System Administrator	<ul style="list-style-type: none"><li>■ The online help of the applications, to maintain and configure the Océ VarioPrint 2070 Prémia Class system.</li></ul>

# About the configuration of the Océ VarioPrint 2070 Prémia Class

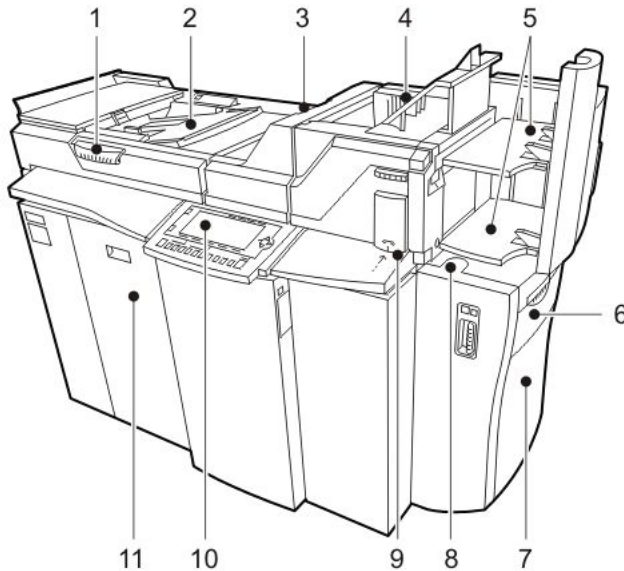
## Introduction

The main components of the Océ VarioPrint 2070 Prémia Class are the following.

1. The operator panel.
2. The Océ VarioPrint 2070 Prémia Class machine.
3. The controller (DAC), extended with a Web server.

To finish the print and scan jobs, the system is connected to a print server, a scan server, and the workstations.

## The Océ VarioPrint 2070 Prémia Class machine



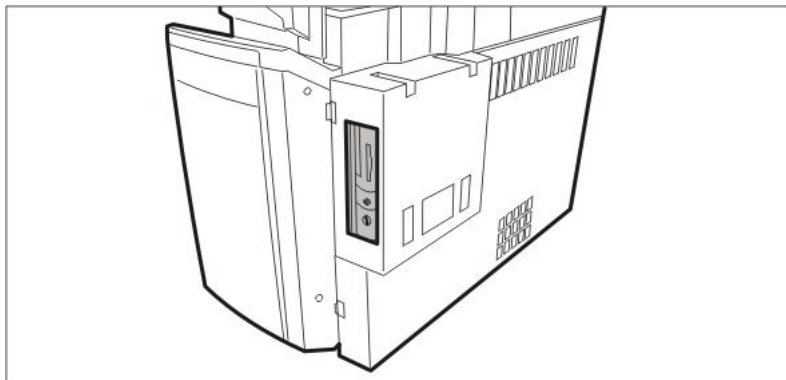
[1] The Parts of the Océ VarioPrint 2070 Prémia Class

Number	Part	Function
1	Access to platen	Equipment, to copy or scan the non-standard originals. One side of the original is scanned at a time.

Number	Part	Function
2	Automatic document feeder	Equipment, to copy or scan a set of one-sided or two-sided standard originals.
3	Original receiving bin	Equipment, to collect the originals, processed by the automatic document feeder.
4	Multi-size bin	Equipment, to collect the completed sets with a special paper size or paper weight. The sets cannot be stapled internally.
5	Finisher bins	Equipment, to collect the completed A4/Letter 8.5x11 sets with a standard paper weight. The sets can be stapled internally.
6	Special feeder	Equipment, to insert a sheet of special material to copy or print on.
7	Paper compartment	Equipment, to hold the paper stocks.
8	Error bin	Equipment, to collect the sheets that are processed incorrectly.
9	Off-line stapler	Equipment, to staple a set manually.
10	Operator panel	Equipment, to enter the settings.
11	Front door	Door to access the toner reservoir and the machine counter.

**The integrated DAC**

The DAC is built into the machine.



[2] The integrated DAC

## The finisher

The finisher has two bins to collect the printed sets.




The output of the jobs are collected in one of the bins. The key operator defines the destination of the job output.

# About the operator panel of the Océ VarioPrint 2070 Prémia Class

## Introduction

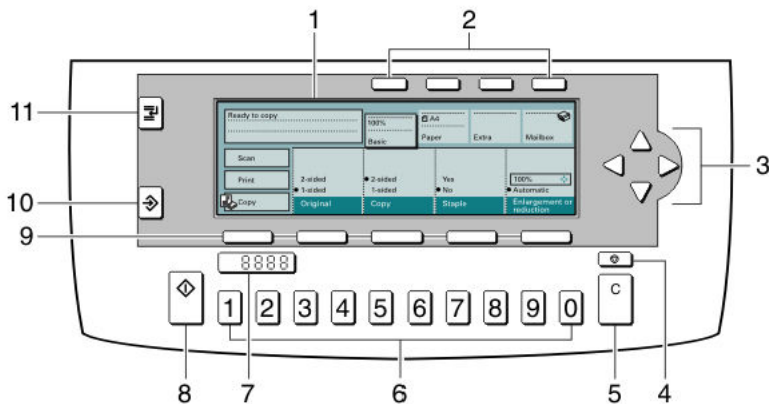
The operator panel contains the display screen and the keys. The display screen shows the available settings, the feedback graphics and a message box.

The Océ VarioPrint 2070 Prémia Class has three main operating modes.

- Copy 
- Print 
- Scan 

Each mode allows you to enter the key operator system *‘Enter or quit the key operator system’* on page 21.

## The operator panel

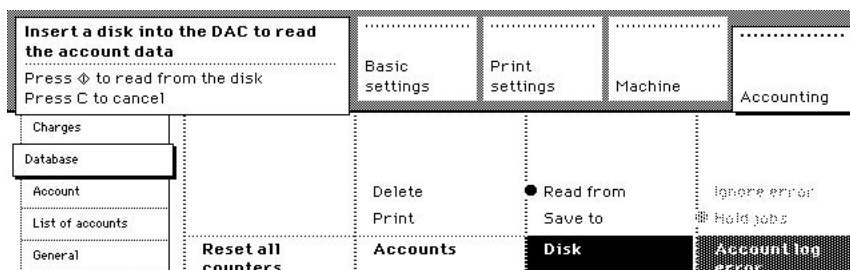


[3] The operator panel of the Océ VarioPrint 2070 Prémia Class

Number	Part	Description
1	Display screen	■ Screen, to display the settings and the messages.
2	Section keys	■ Keys, to select a collection of settings (a section).

Number	Part	Description
3	Arrow keys ⇄	Keys, to: <ul style="list-style-type: none"> <li>■ Change the value in small steps (arrow-up key ▲ and arrow-down key ▼).</li> <li>■ Change the value to preset values (arrow-left key ◀ and arrow-right key ▶).</li> <li>■ Select a value or a name in a displayed list.</li> <li>■ Select a digit in a displayed value.</li> </ul>
4	Stop key ⏹	■ Key, to stop or abort the jobs.
5	Correction key ⌫	■ Key, to reset or cancel the settings.
6	numeric keys	■ Keys, to enter the numeric values.
7	Copies counter	■ Counter, to display the number of prints or copies.
8	Start key ▶	Key, to: <ul style="list-style-type: none"> <li>■ Start a job.</li> <li>■ Confirm the settings.</li> </ul>
9	Function keys	■ Keys, to select a collection of settings (a function).
10	Combine key ⌘	■ Key, to scan or copy the separate job parts.
11	Interrupt key ⏏	■ Key, to activate or quit the interrupt mode.

## The display screen



[4] The display screen of the Océ VarioPrint 2070 Prémia Class

Number	Part	Description
1	Message box	Area on the display screen for displaying: <ul style="list-style-type: none"><li>■ General job information.</li><li>■ Interactive requests for continuing a process.</li><li>■ The processing phase of a job.</li><li>■ Error messages.</li><li>■ The activity states of the Océ VarioPrint 2070 Prémia Class.</li></ul>
2	Section	<ul style="list-style-type: none"><li>■ A section represents a pre-set collection of settings. The name box of the activated section is aligned lower than the other sections. The section box can contain symbols to indicate some settings.</li></ul>
3	Card	<ul style="list-style-type: none"><li>■ A card represents a pre-set collection of settings of a section.</li></ul>
4	Function	<ul style="list-style-type: none"><li>■ A function represents a setting. The activated function is black.</li></ul>
5	Function box	<ul style="list-style-type: none"><li>■ The function box contains the values of a function.</li></ul>
6	Not available function	<ul style="list-style-type: none"><li>■ If the function is not available, the function and values names are grayed.</li></ul>

# Access the System

## Enter or quit the key operator system

### Introduction

The key operator system contains the settings to change, or restore, the default configuration of the Océ VarioPrint 2070 Prémia Class.

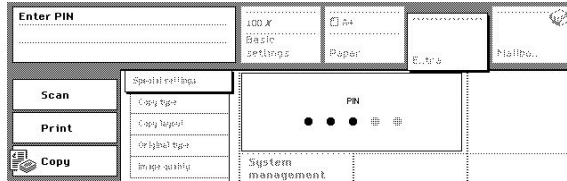
You can enter the key operator system if the Océ VarioPrint 2070 Prémia Class is not processing a job. A PIN is required to make the settings available. Only Océ Service can change the Key Operator PIN.

The changes made in the Key Operator System are applied after you have left the Key Operator System.

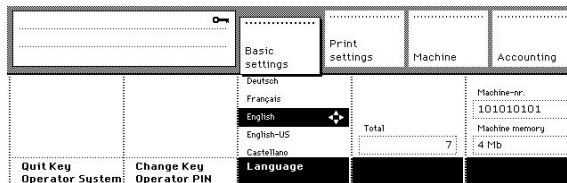
### Before you begin

Make sure that the Océ VarioPrint 2070 Prémia Class does not process or announce a job.

### Illustration



[5] Enter the Key Operator System with a PIN



[6] Quitting the Key Operator System

### Entering the Key Operator System

1. Select the 'Copy' mode.
2. Activate the 'Extra' section.
3. Open the 'Special settings' card.
4. Press the 'System management' function key.

5. Select 'Key operator' .
6. Press the Start key ◇.
7. Enter the Key Operator PIN.

## Quitting the key operator system

1. Activate the 'Basic settings' section.
2. Press the 'Quit Key Operator System' function key.
3. Press the Start key ◇.

# Changing the Default PIN of the Key Operator

## Introduction

The Key Operator has a default PIN to access the Key Operator System on the machine. You can change the default PIN if you want to use a different PIN.

## Before you begin

Enter the Key operator system .

## Illustration

<b>Enter new PIN of 5 digits</b> Press $\diamond$ to confirm Press C to cancel		Basic settings	Print settings	Machine	Accounting
		Enter PIN 20700			Machine-nr. <input type="text"/> Scans <input type="text"/> 1
Quit Key Operator System	Change Key Operator PIN	Language	Copy/Print counters	Scan counter	

[7] Changing the PIN of the Key Operator

## Changing the PIN of the Key Operator

1. Activate the 'Basic settings' section.
2. Press the 'Change Key Operator PIN' function key.
3. Enter a unique 5-digit PIN.
4. Press the start key  $\diamond$  to confirm.

## Check

1. Print the accounts-database file *'Print the accounts-database file'* on page 115 and make sure that you remember or find the PIN to re-open the Key Operator System.

# Switching the DAC On or Off

## Introduction

Use the Key Operator System to switch the DAC off. When you stop the DAC, the machine continues the print process until the current job is completed. The jobs in the print queue are continued when the DAC is switched on again.

Switch the DAC on with the ON / OFF switch.

You can restart the DAC to solve errors and problems. Use the key operator system to restart the DAC *Restart the DAC* on page 134.



**Attention:**

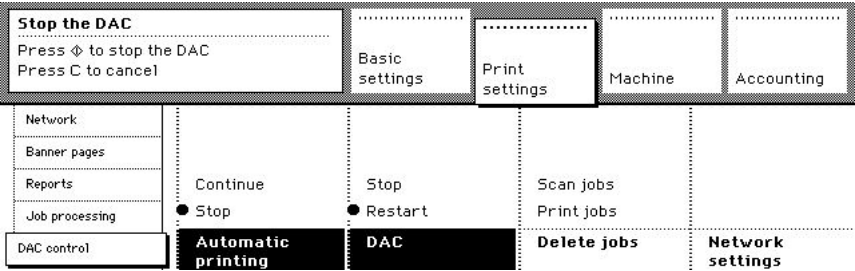
When restarting the DAC, do not use the ON / OFF or the Reset button. You must use the key operator system setting.



**Note:**

You can also use the Océ System configuration to stop the DAC.

## Illustration



[8] Switch the DAC off

## Switching the DAC off

1. Enter the key operator system.
2. Activate the 'Print settings' section.
3. Open the 'DAC control' card.
4. Press the 'DAC' function key to select 'Stop' .
5. Quit the key operator system.

## Switching the DAC on

1. Press the ON / OFF switch on the DAC.

## Switch the Océ VarioPrint 2070 Prémia Class off or on

### Introduction

Switch the Océ VarioPrint 2070 Prémia Class on when any user jobs are planned. You can switch off and then back on in particular circumstances. To correct an error, press the ON / OFF button.

### Before you begin

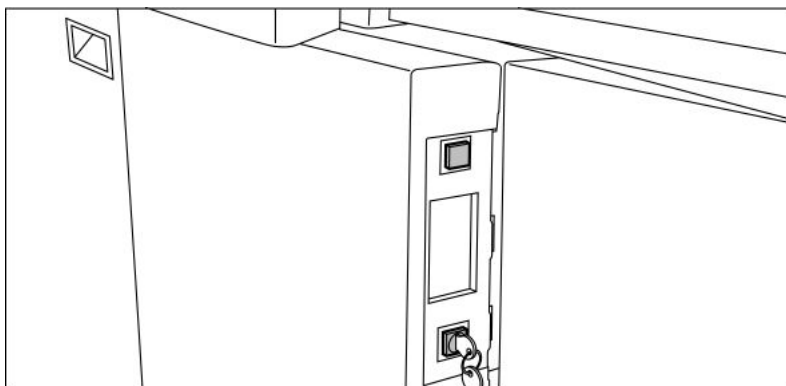
The Océ VarioPrint 2070 Prémia Class can have a key switch to protect access. If there is a lock available, check to see if key is available.



**Note:**

The system requires eight minutes to reach the operating temperature. When the machine is ready, a message is displayed.

### Illustration



[9] The ON / OFF button and the key switch on the machine

### Switching the Océ VarioPrint 2070 Prémia Class off

1. Make sure that no job is announced or in progress.
2. Turn the key to the left in the vertical position, if a key switch is available.
3. Press the green ON / OFF button.
4. Remove the key, if applicable.

## Switching the Océ VarioPrint 2070 Prémia Class on

1. Turn the key to the right in the horizontal position, if a key switch is available.
2. Press the green ON / OFF button.



# **Chapter 2**

## **Set the Defaults**

# Define the Default Job Settings

## Define the IP address information

### Introduction

To configure the IP address information, you can use the Key Operator System and the Océ System Configuration.

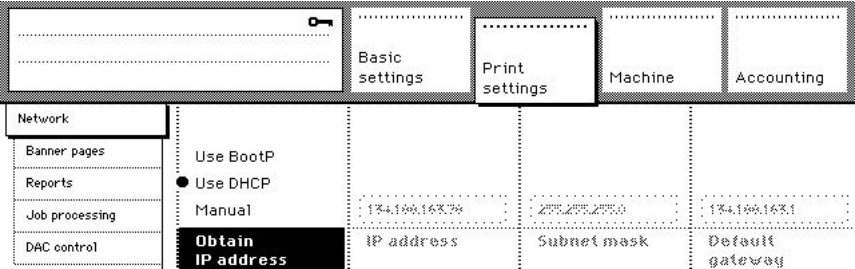
You can configure the IP address statically or dynamically through BootP or DHCP. When selecting the address assignment, use one of the following settings:

Address assignment	Result
'Manual'	The IP address must be manually entered in the 'IP address' function box. 'Manual' is the default setting.
'Use DHCP'	DHCP is used to obtain the IP address.
'Use BootP'	BootP is used to obtain the IP address.

### Before you begin

1. Enter the Key Operator System.

### Illustration



[10] Obtain the IP address

### Entering the IP address information

1. Activate the 'Print settings' section.
2. Open the 'Network' card.
3. Press the 'Obtain IP address' function key to select the address assignment.

### Illustration

<b>Enter the IP address</b> Use arrow keys to select digit Press $\diamond$ to confirm Press C to cancel		Basic settings	Print settings	Machine	Accounting
Network Banner pages Reports Job processing DAC control	Use BootP Use DHCP ● Manual	Enter IP address 134.188.163.078		134.188.163.1	
	Obtain IP address	IP address	Subnet mask	Default gateway	

[11] Enter the IP address

### Manually defining the IP address

1. Activate the 'Print settings' section.
2. Open the 'Network' card.
3. Check to see that 'Manual' is selected in the 'Obtain IP address' function box.
4. Press the IP address function key.
5. Use the numeric keys to enter the IP address. You can use the arrow keys  $\diamond$  to navigate.
6. Press the start key  $\diamond$  to confirm the IP address.

### Illustration

<b>Enter the subnet mask</b> Use arrow keys to select digit Press $\diamond$ to confirm Press C to cancel		Basic settings	Print settings	Machine	Accounting
Network Banner pages Reports Job processing DAC control	Use BootP Use DHCP ● Manual	Enter subnet mask 255.255.255.000		134.188.163.1	
	Obtain IP address	IP address	Subnet mask	Default gateway	

[12] Enter the subnet mask

### Defining the subnet mask

1. Activate the 'Print settings' section.
2. Open the 'Network' card.
3. Check to see that 'Manual' is selected in the 'Obtain IP address' function box.
4. Press the 'Subnet mask' function key.
5. Use the numeric keys to enter the subnet mask. You can use the arrow keys  $\diamond$  to navigate.
6. Press the start key  $\diamond$  to confirm the subnet mask.

Illustration

<b>Enter the default gateway</b> Use arrow keys to select digit Press $\diamond$ to confirm Press C to cancel		Basic settings		Print settings		Machine		Accounting	
Network		Use BootP		Enter default gateway					
Banner pages		Use DHCP		<u>1</u> 34.188.163.001					
Reports		● Manual						134.188.163.1	
Job processing		<b>Obtain IP address</b>		IP address		Subnet mask		<b>Default gateway</b>	
DAC control									

[13] Enter the default gateway

Defining the default gateway

- 1. Activate the 'Print settings' section.
- 2. Open the 'Network' card.
- 3. Check to see that 'Manual' is selected in the 'Obtain IP address' function box.
- 4. Press the 'Default gateway' function key.
- 5. Use the numeric keys to enter the default gateway. You can use the arrow keys  $\leftarrow \rightarrow$  to navigate.
- 6. Press the start key  $\diamond$  to confirm the default gateway.

# Define the default operating mode

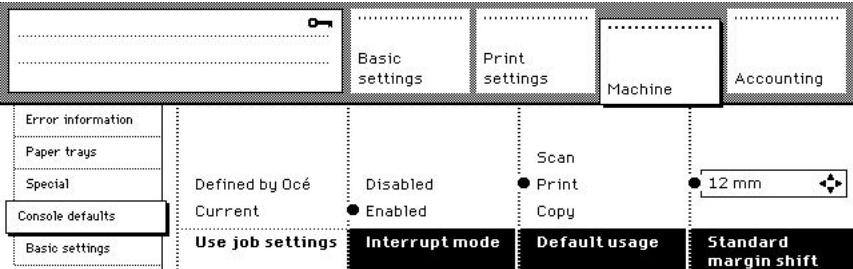
## Introduction

You can define the default operating mode. The selected operating mode must match the most started jobs.

## Before you begin

- 1. Enter the Key Operator System.

## Illustration



[14] Define the default operating mode

## Defining the default operating mode

- 1. Activate the 'Machine' section.
- 2. Open the 'Console defaults' card.
- 3. Press the 'Default usage' function key to select the operating mode.

## Check

- 1. Exit the key operator system.
- 2. Check to insure that the default operating mode is set for your needs.

# Change or restore the default job settings

## Introduction

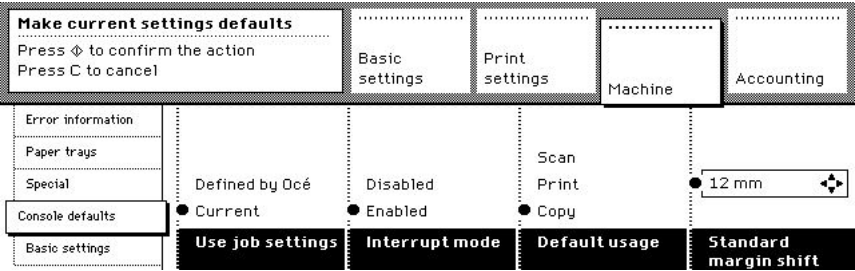
The Océ VarioPrint 2070 Prémia Class has a collection of job settings, defined by Océ.

You can change the Océ settings, according to the requirements of your company or department. The Océ VarioPrint 2070 Prémia Class allows you to recover the Océ defined settings, at your convenience.

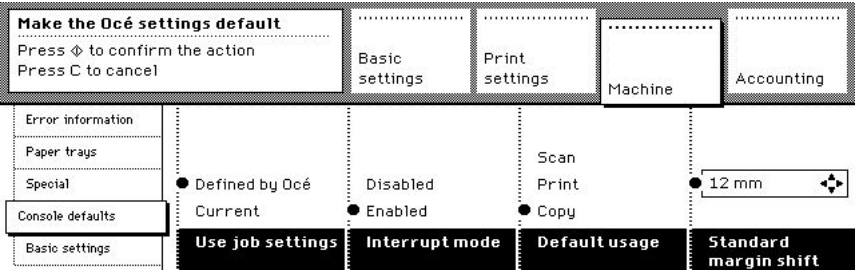
## Before you begin

- 1. When defining the company or department settings, first define the required job settings in the available operating modes.
- 2. Enter the Key operator system .

## Illustration




[15] Save the current job settings




[16] Restore the default Océ settings

## Changing the default job settings

- 1. Activate the 'Machine' section.
- 2. Open the 'Console defaults' card.
- 3. Press the 'Use job settings' function key to select 'Current' .

4. Press the start key  to confirm.

## Restoring the default job settings

1. Activate the 'Machine' section.
2. Open the 'Console defaults' card.
3. Press the 'Use job settings' function key to select 'Defined by Océ' .
4. Press the start key  to confirm.

## Check

1. Exit the key operator system.
2. Check to insure that the default job settings are set for your needs.

# Changing the Default Reset Time

## Introduction

The reset time is the delay period between the last user operation and the return to the default job settings *'Change or restore the default job settings'* on page 34.

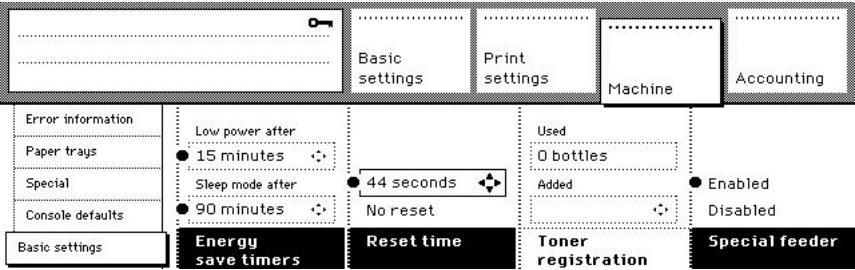
A timer starts if the user presses a key, opens a door or places the originals. When the reset time has expired, the Océ VarioPrint 2070 Prémia Class returns to the default operating mode and the default job settings are displayed. The user loses the changed settings.

The default reset time is 60 seconds, but you can set any other time from 10 seconds up to 5 minutes. If no reset time is defined, the user can restore the default settings using the correction key **C**.

## Before you begin

- 1. Enter the Key Operator System.

## Illustration



[17] Define the reset time

## Changing the reset time

- 1. Activate the 'Machine' section.
- 2. Open the 'Basic settings' card.
- 3. Press the 'Reset time' function key.  
Press the arrow keys to adjust the reset time. Use the left arrow key ◀ or the right arrow key ▶ to decrease or increase in 10 second steps.

## Disabling the reset time

- 1. Activate the 'Machine' section.

2. Open the 'Basic settings' card.
3. Press the 'Reset time' function key to select 'No reset' .

## Check

1. Exit the key operator system.
2. Check to insure that the reset time is set for your needs.  
The Océ VarioPrint 2070 Prémia Class must return to the default operating mode after the reset time has expired.  
If 'No reset' is selected, the default operating mode will not be restored.

# Change the display language

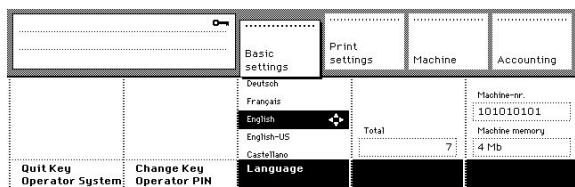
## Introduction

The Océ VarioPrint 2070 Prémia Class allows you to select one of the 17 display languages.

## Before you begin

- 1. Enter the Key Operator System.

## Illustration



[18] Change the display language

## Changing the display language




- 1. Activate the 'Basic settings' section.
- 2. Press the 'Language' function key.  
Select the language with the arrow keys ↵.

## Check

- 1. After the display language is changed, the display language will be immediately displayed in the key operator system.

# Define the end-of-job confirmation

## Introduction

To help the non-experienced user, you can define a supplementary user request to finish the jobs with different job parts. To assemble the job parts, the user must press the combine key  and confirm the end of the job with the start key . If you enable the end-of-job confirmation, the user gets a second request to press the start Key .



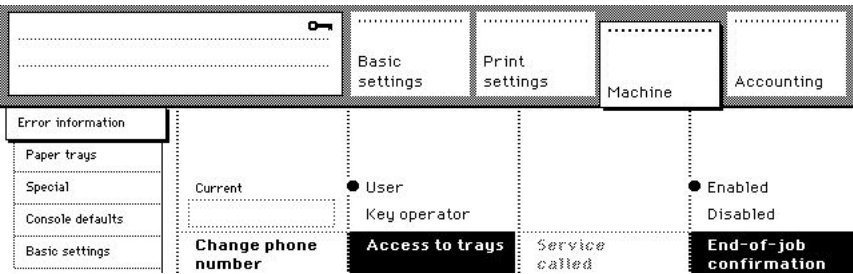
**Note:**

You can also use the Océ System configuration to define the end-of-job confirmation.

## Before you begin

1. Enter the Key Operator System.

## Illustration



[19] Enable the end-of-job confirmation

## Defining the end-of-job confirmation

1. Activate the 'Machine' section.
2. Open the 'Error information' card.
3. Press the 'End-of-job confirmation' function key to select 'Enabled' or 'Disabled' .

## Check

1. Exit the key operator system.
2. To check the entered selection, make a copy job with different job parts.

# Enter the telephone number of the key operator

## Introduction

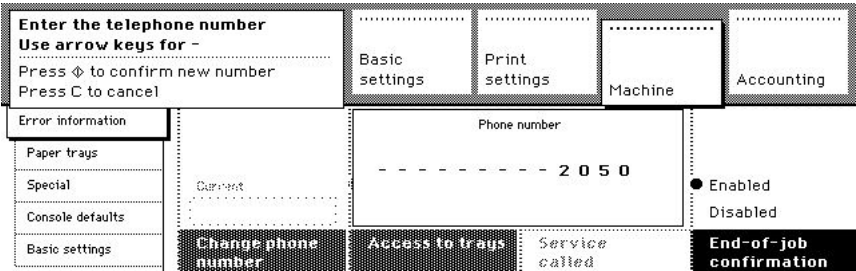
If an error is reported, the Océ VarioPrint 2070 Prémia Class asks the user to call the Key Operator. A telephone number can be a part of the message.

You can change or ignore the telephone number.

## Before you begin

- 1. Enter the Key Operator System.

## Illustration



[20] Enter the key operator telephone number

## Entering a key operator telephone number

- 1. Activate the 'Machine' section.
- 2. Open the 'Error information' card.
- 3. Press the 'Change phone number' function key.
- 4. Use the numeric keys to enter a telephone number with a maximum of 13 digits. You can use the arrow keys  $\Diamond$  for the dash sign (-).
- 5. Press the start key  $\Diamond$  to confirm the new number.

## Ignoring a telephone number

- 1. Activate the 'Machine' section.
- 2. Open the 'Error information' card.
- 3. Press the 'Change phone number' function key.
- 4. Press the start key  $\Diamond$  to ignore the telephone number.

# Define the Access Control

## About the access-secured system

### Introduction

An access-secured system allows you to perform the following tasks:

- Define which users can access the machine to start mailbox, copy and scan jobs.
- Define which user can perform automatic print jobs.
- Define the job-page limit for each user.
- Follow the number of job-page clicks the users have done.

To create an access-secured system, proceed as follows:

1. Secure access to the machine *'Secure the access to the machine' on page 45*.  
When the access to the machine is secured, all authorized users need a unique PIN to enter the display menu. If the PIN is correct, the user can start mailbox, copy and scan jobs.
2. Secure automatic printing *'Secure automatic printing' on page 47*.
3. Enter the accounting system. Define the authorization for each user or each user group *'About the accounting system' on page 98*.

To accept external users, a copy control device can be a part of the system.

### Access-secured system

An access-secured system has the following properties:

Properties
The 'Access to machine' is 'Secured' (key operator system).
The authorized users have a PIN (accounting system).
The authorized users have a valid user account (accounting system).

The authorized users can use the machine until the job-page limit of the user account is reached (accounting system).

### Secured automatic printing

Secured automatic printing has the following properties .

Properties
A user can only print automatic jobs when you change the status of the automatically created user account to '+' (Accounting system).
This means that you need to authorize the user account manually in the Accounting system, so that you can check the user.
Automatic print jobs come into the mailbox of the owner when the user account record has the status '-'.

**Security through the copy control device**

Security through the copy control device has the following properties:

Properties
Océ Service must install and configure the Copy control device.
The access control for the copy control device is set to 'Enabled' (key operator system).
The 'Access to machine' can be secured, so that the authorized, internal users can use a PIN instead of using coins or a credit card.

When automatic printing is not secured, each user with a network user name can print the automatic print jobs, without a charge.

# Enable the copy control device

## Introduction

The copy control device is connected externally to the machine. The system gives access to external users who are not authorized in the accounts database. The external user must insert coins or a credit card to gain access to the machine.

Océ Service must install and configure the Copy control device.

You can enable or disable an installed and configured copy control device.

An enabled copy control device and an access-secured system can be combined to enable use by internal and external user groups *About the access-secured system* on page 41.

Use the copy control device

100 %  
Basic  
Settings

☒ 8.5x11"  
Paper

Extra

Mailbox

Scan

Print

Copy

2-sided  
1-sided

2-sided  
1-sided

Yes  
No

100 %  
Automatic

Original

Copy

Staple

Enlargement or reduction

[21] Entry screen for external users

Use the copy control device or  
enter your PIN: \*\*\*\*\*

94 %  
Basic  
Settings

☒ 8.5x11"  
Paper

Extra

Mailbox

Scan

Print

Copy

2-sided  
1-sided

2-sided  
1-sided

Yes  
No

94 %  
Automatic

Original

Copy

Staple

Enlargement or reduction

[22] Entry screen for external and internal users

The following table displays the requirements for the external users when the copy control device is enabled:

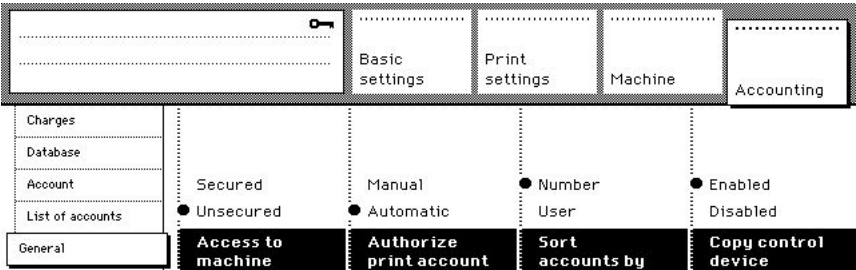
Job	Requirement	Charges
Copy job	The user must insert coins or a credit card, to access the machine.	Jobs are charged to the 'Copy control device' system account.

Job	Requirement	Charges
Automatic print job	The user can perform an automatic print job if automatic print jobs are permitted.	Jobs are not charged to any account.
Mailbox job	The user must enter coins or a credit card, to access the mailbox.	Jobs are charged on the 'Copy control device' system account.
Scan job	The user must enter coins or a credit card, to access the machine.	Jobs are charged on the 'Copy control device' system account.

Before you begin

- 1. Enter the Key Operator System.

Illustration



[23] Enable the copy control device

Configuring the copy control device

- 1. Activate the 'Accounting' section.
- 2. Open the 'General' card.
- 3. Press the 'Copy control device' function key to select 'Enabled' .

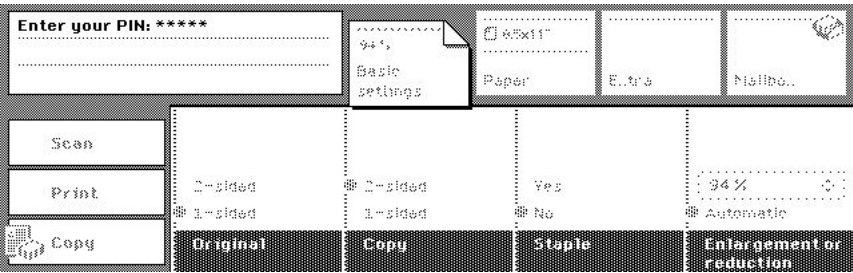
Check

- 1. Quit the key operator system.
- 2. To check the selection, make a test job.  
Open the Accounting system, to see if the test job is charged to the Copy control device account *Print the accounts-database file* on page 115.

# Secure the access to the machine

## Introduction

The Océ VarioPrint 2070 Prémia Class allows you to secure access to the machine *About the access-secured system* on page 41. If the machine is secured, the user must enter a unique PIN, to enter the display screen menu and to start the jobs.



[24] Entry screen, when the access is secured

In order to define machine-security, proceed as follows:

Access to machine	Result
Secured	<ul style="list-style-type: none"><li>■ The user must have a PIN to access the machine <i>About the accounting system</i> on page 98.</li><li>■ The user account must be valid.</li><li>■ You can secure automatic printing by using the 'Authorize print account' function <i>Secure automatic printing</i> on page 47.</li></ul>
Unsecured	<ul style="list-style-type: none"><li>■ Any user can access the machine.</li><li>■ You can secure automatic printing by using the 'Authorize print account' function <i>Secure automatic printing</i> on page 47.</li></ul>

## Before you begin

1. Enter the key operator system.
2. Check to insure that the authorized users have valid user accounts *About the accounting system* on page 98.

Illustration

<div>.....</div> <div>.....</div> <div>.....</div> <div>.....</div>		Basic settings	Print settings	Machine	Accounting
Charges	<div><input checked="" type="radio"/> Secured</div> <div><input type="radio"/> Unsecured</div>	<div>Manual</div> <div><input checked="" type="radio"/> Automatic</div>	<div><input checked="" type="radio"/> Number</div> <div><input type="radio"/> User</div>	<div>Enabled</div> <div><input type="radio"/> Disabled</div>	
Database					
Account					
List of accounts					
General	Access to machine	Authorize print account	Sort accounts by	Copy control device	

[25] Secure the machine-access

Defining machine security

- 1. Activate the 'Accounting' section.
- 2. Open the 'General' card.
- 3. Press the 'Access to machine' function key to select 'Secured' or 'Unsecured' .

Check

- 1. Exit the key operator system.
- 2. Check to insure that the access is controlled according to your needs.

## Secure automatic printing

### Introduction

If the access to the machine is secured, the user must use a PIN to enter the display screen menu *'About the access-secured system'* on page 41. In order to print a job that is stored in the mailbox, the user needs a PIN to enter the mailbox. When a user sends an automatic print job, the operator panel is not necessary to print the job. You can secure the automatic printing so that new users cannot print, unless you manually change the status of the user account *'Changing the Status'* on page 107.

In order to define the automatic printing security, proceed as follows:

Authorize print account	Result
'Manual'	<ul style="list-style-type: none"> <li>■ When a user sends an automatic print job to the machine, a record is automatically added to the accounts database. To prevent unlimited printing, use the setting 'Manual'. Then, newly created user account records get the status '-', which means that the user accounts are not valid. The refused automatic print job is not printed and stored in the mailbox of the document owner. You must change the status of the user account to allow the user to print automatic print jobs in the future.</li> <li>■ When a user sends a mailbox job to the machine, a record is automatically added to the accounts database. To enable the user to enter the mailbox, you must define a PIN, if the machine access is secured, and change the status to '+'.</li> </ul>
'Automatic'	<ul style="list-style-type: none"> <li>■ When a user sends an automatic print job to the machine, a user account record is automatically added to the accounts database. The status of the user account is '+', which means that the user can start unlimited automatic print jobs.</li> <li>■ When a user sends a mailbox job to the machine, a user account record is automatically added to the accounts database. To enable the user to enter the mailbox, you must define a PIN, if the machine access is secured.</li> </ul>

### Before you begin

1. Enter the key operator system.
2. Check to insure that the access-security has been defined *'Secure the access to the machine'* on page 45.

Illustration

<div>Key icon</div>		Basic settings	Print settings	Machine	Accounting
Charges	<div>Secured</div> <div><input checked="" type="radio"/> Unsecured</div>	<div><input checked="" type="radio"/> Manual</div> <div>Automatic</div>	<div><input checked="" type="radio"/> Number</div> <div>User</div>	Enabled	
Database				Disabled	
Account					
List of accounts					
General	Access to machine	Authorize print account	Sort accounts by	Copy control device	

[26] Secure automatic printing

Defining the automatic printing security

- 1. Activate the 'Accounting' section.
- 2. Open the 'General' card.
- 3. Press the 'Authorize print account' function key to select 'Manual' or 'Automatic' .

Check

- 1. Quit the key operator system.
- 2. Check to insure that the status of new user accounts have the correct status *Print the accounts-database file* on page 115.

# Define the job charges

## Introduction

The Océ VarioPrint 2070 Prémia Class default charge is one click for each job page side that is copied or printed. You can define the charge for the following output.

- 2-sided output. Select a factor.
- A3/Tabloid 11x17 output. Select a factor.
- Blank page. Select 'Yes' or 'No'.

The default setting is no charge for blank pages of any size. The user must identify the blank pages in the display screen menu.

The charges for scan jobs depend on the number of page sides scanned. You can define a factor for charging. If required, you can ignore the charges of scan jobs. Then, select '0'.

The charges are passed on to the Accounting system and the Copy control device.

## Before you begin

1. Enter the Key Operator System.

## Illustration

		Basic settings	Print settings	Machine	Accounting
Charges			Prints	Copies	Scans
Database	• x 2 A3 output	A4	0	7	0
Account	• x 1 Scanned page	A4	0	0	0
List of accounts	• x 1 2-sided output	A3	0	0	0
General	To accounts	A3	0	0	0

[27] Define the job charges

## Defining the job charge for 2-sided output

1. Activate the 'Accounting' section.
2. Open the 'Charges' card.
3. Press the '2-sided output' function key to select '1' or '2'.

## How to define the job charge for A3/Tabloid 11x17 output

1. Activate the 'Accounting' section.

2. Open the 'Charges' card.
3. Press the '11x17 output' function key to select '1' or '2'.

### Defining the job charge for a blank page

1. Activate the 'Accounting' section.
2. Open the 'Charges' card.
3. Press the 'Charge blank page' function key to select 'Yes' or 'No'.

### Defining the job charge for a scanned page

1. Activate the 'Accounting' section.
2. Open the 'Charges' card.
3. Press the 'Scanned page' function key to select 'o', '1' or '2'.

### Check

1. Quit the key operator system.
2. To check the selection, make a test job.  
Check to insure that the job is charged correctly *'Print the accounts-database file'* on page 115.

# Control Access to the Machine Components

## Control the access to the paper trays

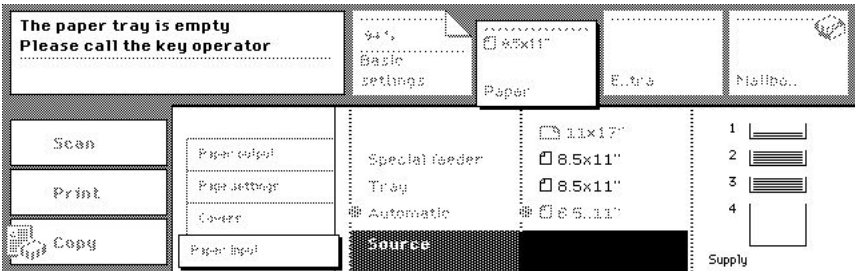
### Introduction

You can follow two procedures to control the user access to the paper trays.

First, you can lock the paper-compartment to prevent users from entering the paper compartment. The Océ VarioPrint 2070 Prémia Class can have a key switch on the paper-compartment door. If the door of the paper-compartment door is open, the users can perform the following tasks.

- Refill the stocks of paper in the trays.
- Place sheets of special material in the paper tray for a particular job.
- Clear the paper jams in the paper-compartment unit.

Secondly, you can instruct the users to call the Key Operator. The Océ VarioPrint 2070 Prémia Class instructs the users to call the Key Operator if a paper tray is empty or a paper jam occurs. The request is not related to the lock on the door. So, although the door is open, the display can still ask the users to call the Key Operator.

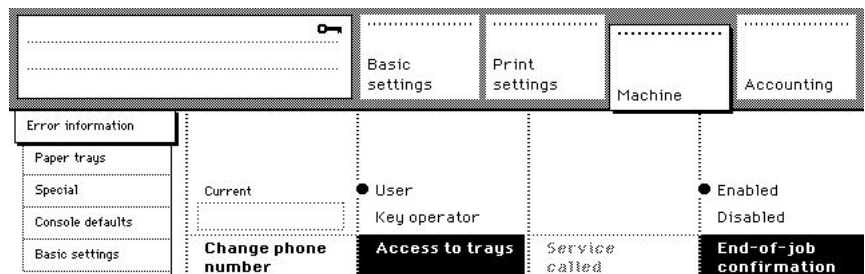


[28] User screen when paper tray is empty

### Before you begin

1. Enter the Key Operator System.

Illustration



[29] Permit the users to access the paper trays

Preventing access to the paper trays

- 1. Activate the 'Machine' section.
- 2. Open the 'Error information' card.
- 3. Press the 'Access to trays' function key to select 'Key operator' .

Permitting the user to access the paper trays

- 1. Activate the 'Machine' section.
- 2. Open the 'Error information' card.
- 3. Press the 'Access to trays' function key to select 'User' .

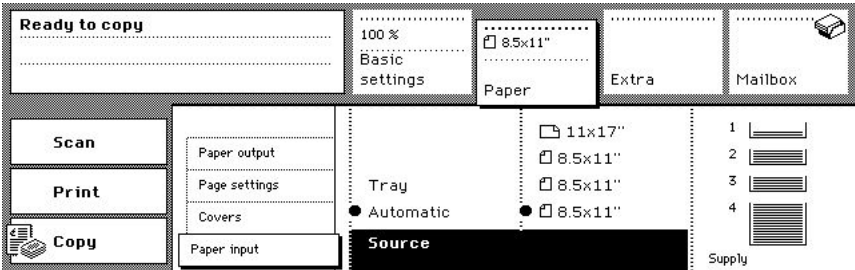
Check

- 1. Exit the key operator system.
- 2. To check the selection, remove the stock of paper from one of the trays. Then, start a copy job that uses the empty paper tray.

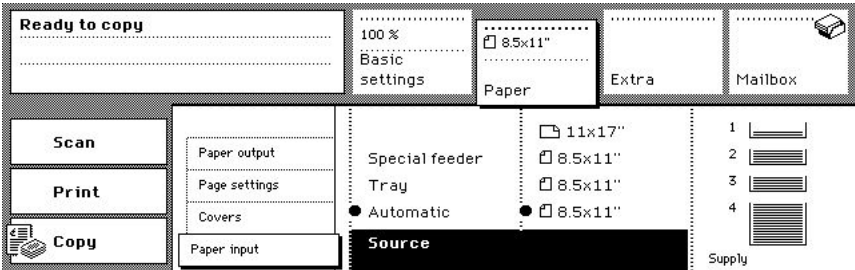
# Control the access to the special feeder

## Introduction

The users can use the special feeder to feed the special material that is not available or allowed in the paper trays *'About the configuration of the Océ VarioPrint 2070 Prémia Class'* on page 15. If you disable the special feeder, the special feeder function is not selectable on the display screen menu.



[30] The user cannot select the special feeder

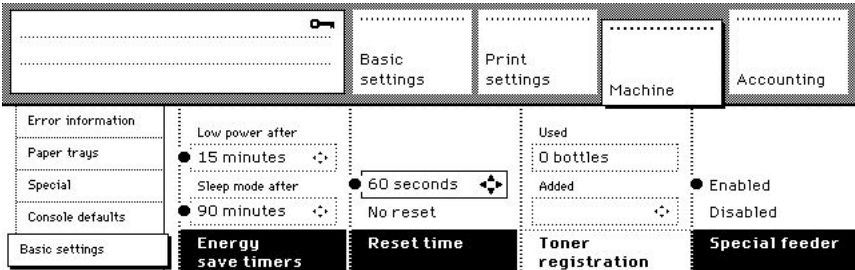


[31] The user can select the special feeder

## Before you begin

1. Enter the Key Operator System.

## Illustration



[32] Permit the users to access the special feeder

### Preventing access to the special feeder

1. Activate the 'Machine' section.
2. Open the 'Basic settings' card.
3. Press the 'Special feeder' function key to select 'Disabled' .

### Permitting the users the access to the special feeder

1. Activate the 'Machine' section.
2. Open the 'Basic settings' card.
3. Press the 'Special feeder' function key to select 'Enabled' .

### Check

1. Exit the key operator system.
2. To check the selection, start a test job that requires the special feeder.

# **Chapter 3**

## **Control Input**

# Define the paper trays for the report jobs

## Introduction

The Océ VarioPrint 2070 Prémia Class has four paper trays located in the paper compartment.

The size, orientation and supply of any paper, placed in the trays, is displayed in the user-display screen.

The user can make reports with paper from several paper trays.

In addition to the standard sheets, a report can contain:

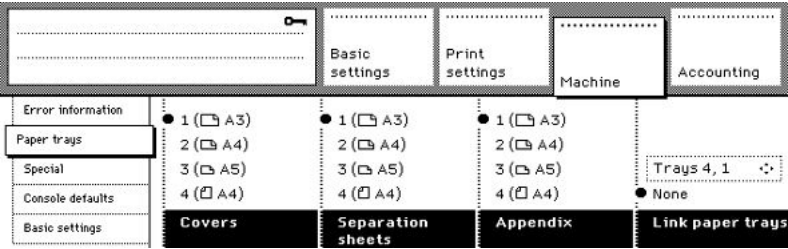
- Covers.
- Separation sheets.
- Appendix sheets.

You can allocate the paper trays that contain the material for covers, separation sheets and appendix sheets.

## Before you begin

1. Enter the Key Operator System.

## Illustration



[33] Allocate the paper trays for the report jobs

## Allocating the paper trays for the report jobs

1. Activate the 'Machine' section.
2. Open the 'Paper trays' card.
3. Press the 'Covers' , 'Separation sheets' and 'Appendix' function key to select a tray.

## Check

1. Exit the key operator system.
2. To check the selection, make a test report job.  
Place the necessary materials in the paper trays.  
Check to insure that the material is set for your needs.

# Define the folio size

## Introduction

Paper tray 1, which is adjustable for different paper sizes, can detect the dimensions of the paper with the exception of Folio and Foolscap folio. The difference between the two folio sizes is not be detected. Therefore, you must indicate which type is placed in tray 1. The automatic document feeder can detect the different folio sizes.

The Océ VarioPrint 2070 Prémia Class supports the following folio sizes:

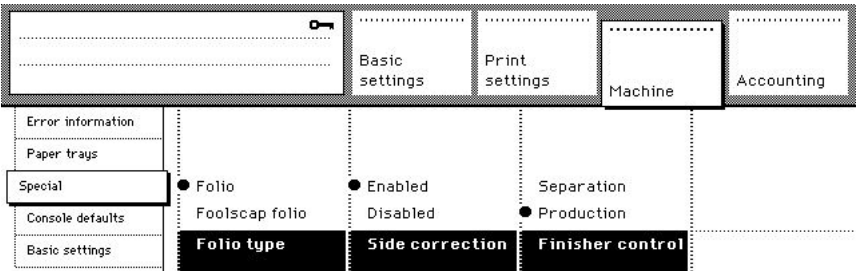
- 'Folio' (12.4 x 8.4 inches).
- 'Foolscap folio' (13.2 x 8.12 inches).

'Folio' is the default setting. If the users require jobs on Foolscap folio paper, change the setting for these jobs.

## Before you begin

1. Enter the Key Operator System.

## Illustration



[34] Change the folio size

## Changing the folio size

1. Activate the 'Machine' section.
2. Open the 'Special' card.
3. Press the 'Folio type' function key to select 'Folio' or 'Foolscap folio' .

## Check

1. Exit the key operator system.

2. To check the selection, make a test copy job. Use an original of the selected Folio size. The original information must fit correctly on the copy page.

# Link the paper trays

## Introduction

To increase the available paper stock for the jobs, you can link one or more paper trays. When a tray gets empty during a job, paper will be used from the linked paper tray or trays. The paper trays that are linked must contain paper with the same size and orientation.

You can link the following trays.

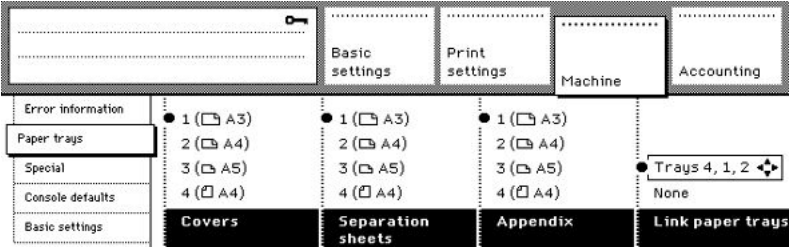
- 'Trays 4, 1'
- 'Trays 4, 2'
- 'Trays 4, 3'
- 'Trays 4, 1, 2'
- 'Trays 4, 1, 3'
- 'Trays 1, 2'
- 'Trays 1, 3'

For example: 'Trays 4, 2' means that the job will first use paper from tray 4. When tray 4 is empty, the job will continue and will use paper from tray 2.

## Before you begin

1. Enter the Key Operator System.

## Illustration



[35] Link the paper trays

## Linking the paper trays

1. Activate the 'Machine' section.
2. Open the 'Paper trays' card.
3. Press the 'Link paper trays' function key.  
Use the arrow keys ↶ ↷ to select the tray or trays.

### Canceling the link between paper trays

1. Activate the 'Machine' section.
2. Open the 'Paper trays' card.
3. Press the 'Link paper trays' function key to select 'None'.

### Check

1. Quit the Key operator system.
2. To check the selection, make a test copy job.  
Fill the main paper tray with a few sheets.  
Fill the linked paper trays with the same sized paper.  
The linked paper trays are used when the paper tray 4 is empty.



# **Chapter 4**

## **Control Output**

# Define the banner pages

## Introduction

The first page of a printed set can be a banner page. A banner page contains information about the print job: such as the user name, the name of the document, the date and the printer name.

You can allocate the paper tray for the banner pages.

To define the banner page configuration, proceed as follows:

Setting	Result
'Never'	A banner page is never printed.
'Selectable'	A banner page is printed if the user has specified the banner page in the printer driver.
'Always'	A banner page is always printed.

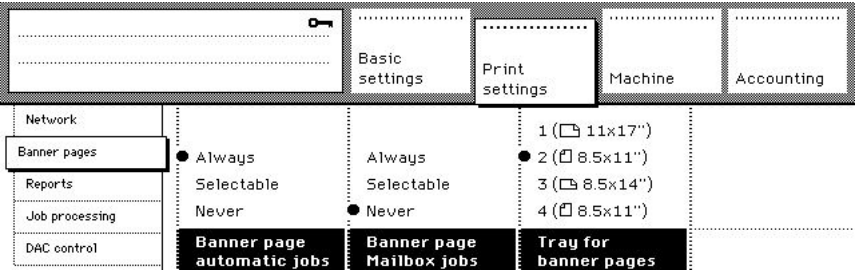
## Before you begin

1. Enter the Key Operator System.



**Note:**  
You can also use the Océ System Configuration to configure the banner pages.

## Illustration



[36] Enter the banner page settings

## Defining the banner pages

1. Activate the 'Print settings' section.

2. Open the 'Banner pages' card.
3. Press the 'Banner page Mailbox jobs' or 'Banner page automatic jobs' function key to enter the selection.

### **Allocating the paper tray for banner pages**

1. Activate the 'Print settings' section.
2. Open the 'Banner pages' card.
3. Press the 'Tray for banner pages' function key to select the required paper tray.

### **Check**

1. Exit the key operator system.
2. To check the selection, make a test print job.  
Place the necessary material in the paper tray.  
Check to insure that the banner page configuration is set for your needs.

You can direct the output of a mailbox job, an automatic print job and a copy job to a indicated bin of the finisher.

The output will be sent to the selected bin. If there is not enough capacity to complete the job, a message is displayed to explain the problem. The user must remove the paper stacks to resume the job.

To define the finisher bin configuration, proceed as follows:

Configuration mode	Result
'Separation'	The lower finisher bin collects the output of the mailbox jobs and copy jobs. The upper finisher bin collects the output of the automatic print jobs.
'Production'	The upper and the lower bins are linked. First, the output of all jobs is sent to the upper bin. Then, when the upper bin is full, the lower bin is filled.

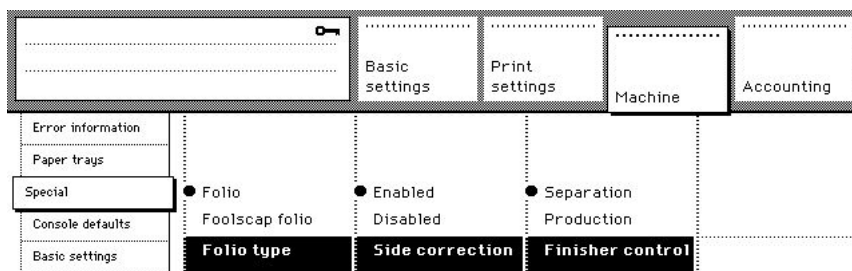
## Before you begin

1. Enter the Key Operator System.



You can also use the Océ System Configuration to configure the banner pages.

### Illustration



[37] Change the finisher bin configuration

## Controlling the finisher bins

1. Activate the 'Machine' section.
2. Open the 'Special' card.
3. Press the 'Finisher control' function key to select 'Separation' or 'Production'.

## Check

1. Quit the key operator system.
2. Check to see that both finisher bins are empty.
3. Create a copy job to check the selection.  
If 'Production' is selected, the copy job is directed to the upper finisher bin.  
If 'Separation' is selected, the copy job is directed to the lower finisher bin.

# Change the default margin shift

## Introduction

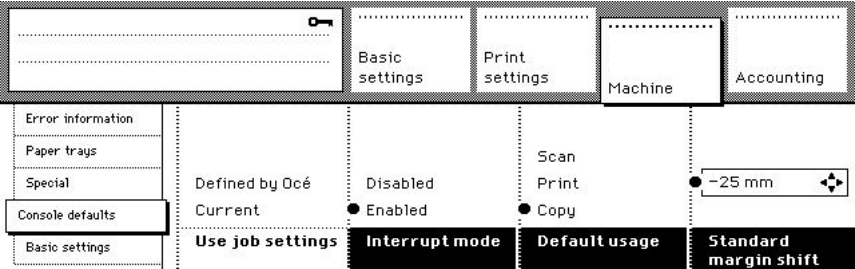
The margin shift is the distance that the margin is moved to the right or to the left of the page.

The default margin shift is .48 inches. To change the default value, enter a value from + 1 inch (left direction) down to - 1 inch (right direction).

## Before you begin

- 1. Enter the Key Operator System.

## Illustration



[38] Define the default margin shift

## Changing the default margin shift

- 1. Activate the 'Machine' section.
- 2. Open the 'Console defaults' card.
- 3. Adjust the margin shift with the arrow keys ↶ ↷ ↸ ↹.

## Check

- 1. Exit the key operator system.
- 2. To check the selection, make a test copy job.  
Check that the default margin shift is set for your needs.

# **Chapter 5**

## **Control the Print Mode**

# Defining Mailbox Input

## About the mailbox

### Definition

The mailbox is a personal storage area on the DAC. The users can change the settings of the jobs in their mailbox.

The Smart mailbox adds new functionality to use the mailbox. The Smart mailbox function can be used when the user can print to more than one printer that belong to the Océ VarioPrint® 2045-65, Océ VarioPrint® 2050-70, Océ 31x5E product range. The mailbox jobs sent to other printers become local mailbox jobs.

The Smart mailbox configuration must be done with the Océ System Configuration.

### Attributes

A print job becomes a mailbox print job, in the following circumstances:
The user selects 'To mailbox', 'Security' or 'Special feeder' in the Océ printer driver.
The user, who sends a print job, is not authorized to use the printer.
Someone cancels an automatic print job.
The DAC moves all new jobs to the mailbox, following a configuration setting.
The DAC moves the jobs without an Océ job ticket to the mailbox, following a configuration setting.
The DAC receives jobs from other controllers (Smart mailbox members) after that the user asks to fetch Smart mailbox jobs.



**Note:**  
You can use the Océ System configuration to define the automatic clean-up for all jobs and the printed mailbox jobs.

# Controlling the Automatic Print Jobs

## Introduction

The users can instruct the Océ VarioPrint 2070 Prémia Class, through the printer driver, that the print job must be stored in the mailbox. If the job is not a mailbox job, the job is sent to the print queue.

You can restrict the automatic print jobs so that all print jobs are stored in the mailbox. Check to insure that the users are authorized to open their mailbox *‘Secure the access to the machine’* on page 45.

## Before you begin

- 1. Enter the Key Operator System.

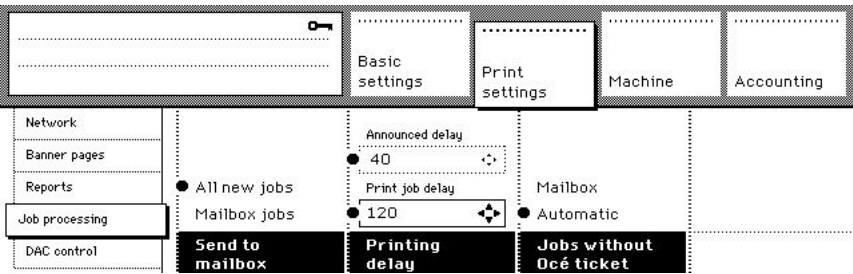


**Note:**  
You can suspend automatic printing so that the print jobs remain in the print queue. The user can still initiate the automatic print jobs, but the jobs are not printed *‘Suspending Automatic Printing’* on page 73.



**Note:**  
You can also use the Océ System Configuration, to enable or disable the automatic print jobs.

## Illustration



[39] Disable the automatic print jobs

## Controlling the automatic print jobs

- 1. Activate the 'Print settings' section.
- 2. Open the 'Job processing' card.

3. Press the 'Send to mailbox' function key to select 'All new jobs' or 'Mailbox jobs' .

### Check

1. Exit the key operator system.
2. To check the selection, make a test print job.  
Check that the print operation on the Océ VarioPrint 2070 Prémia Class is according to your purposes.

# Suspending Automatic Printing

## Introduction

You can suspend automatic printing, to allow the processing of copy, mailbox or scan jobs. The automatic print jobs remain in the print queue. To resume the printing of the automatic print jobs, restore the setting in the key operator system.

The users can still initiate automatic print jobs even though automatic printing has been suspended.

## Before you begin

- 1. Enter the Key Operator System.



**Note:**  
The Océ VarioPrint 2070 Prémia Class allows you to restrict the automatic print jobs so that all print jobs are stored in the mailbox *'Controlling the Automatic Print Jobs'* on [page 71](#).

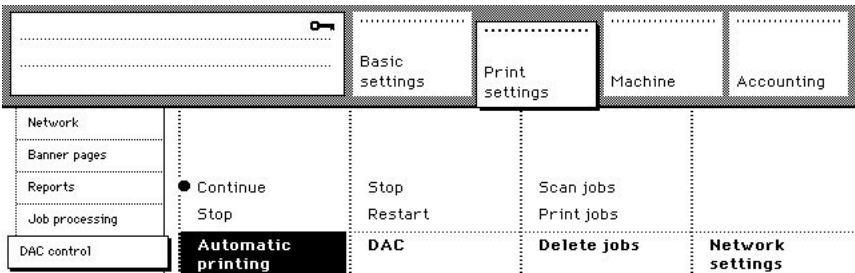


**Note:**  
You can also use the Océ System Configuration to stop or continue automatic printing.

## Controlling automatic printing

- 1. Activate the 'Print settings' section.
- 2. Press the 'Automatic printing' function key to select 'Stop' or 'Continue'.

## Illustration



[40] Suspending Automatic Printing

### Check

1. Exit the key operator system.
2. To check the selection, start a print job.  
Enter the settings for an automatic print job in the Océ VarioPrint 2070 Prémia Class printer driver.  
The automatic print job is not printed until you again change the setting to continue the automatic printing.

# Controlling Jobs Without an Océ Job Ticket

## Introduction

If a user does not have a printer driver that is supported by Océ, the special Océ print features are not displayed. The generated print file does not include an Océ job ticket. The Océ VarioPrint 2070 Prémià Class allows the user to control the Océ job features through the operator panel. Therefore, the print job must become a mailbox job.

You can instruct the Océ VarioPrint 2070 Prémià Class to send all jobs without an Océ job ticket to the mailbox.

## Before you begin

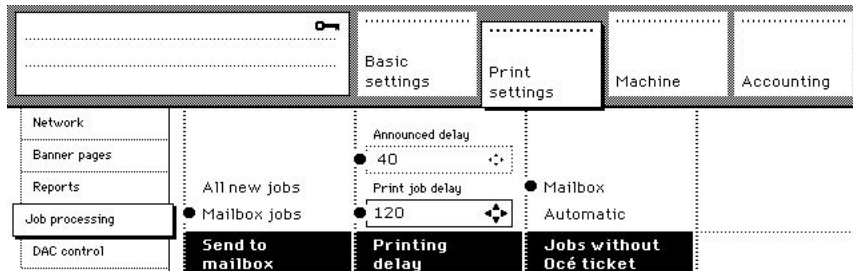
1. Enter the Key Operator System.



### Note:

You can also use the Océ System Configuration to control the jobs without an Océ job ticket.

## Illustration



[41] Sending All Jobs Without an Océ Ticket to the Mailbox

## Controlling jobs without an Océ ticket

1. Activate the 'Print settings' section.
2. Open the 'Job processing' card.
3. Press the 'Jobs without Océ ticket' function key to select 'Mailbox' or 'Automatic'.

## Check

1. Quit the key operator system.
2. To check the selection: start a print job with a generic printer driver.

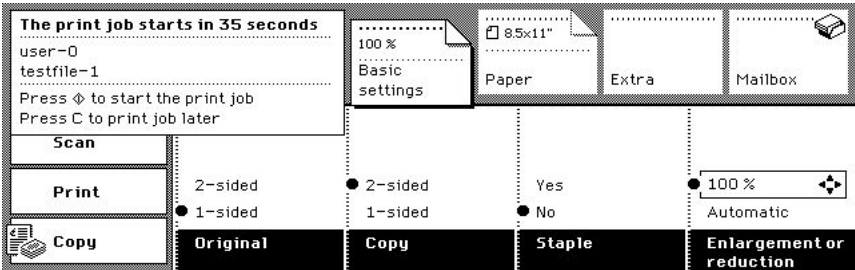
# Control the Time Delay for Print Jobs

## About the printing delay

### Definition

The printing delay is the minimum interval between the printing of two automatic print jobs that originate from the print queue.

### Illustration



[42] User screen. An automatic print job is announced

### The timers

The period of the printing interval is derived from the following two timers:

- Print job delay timer.  
The print job delay timer starts when an automatic print job is complete. During the delay, the users can use the Océ VarioPrint 2070 Prémia Class for other work.
- Announced delay timer.  
The announced delay timer starts before the end of the print job delay. During the announced delay time, a message informs the user that a new automatic print job will be printed within 'xx' seconds.



#### Note:

The user can start any job if an automatic print job is announced.

# Define the printing delay for the automatic print jobs

## Introduction

The printing delay is determined by the following two items *'About the printing delay'* on page 77.

- Print job delay (10 - 300 seconds).
- Announced delay (10 - 100 seconds).

You can change the default values of the print job delay (120 seconds) and announced delay (20 seconds).

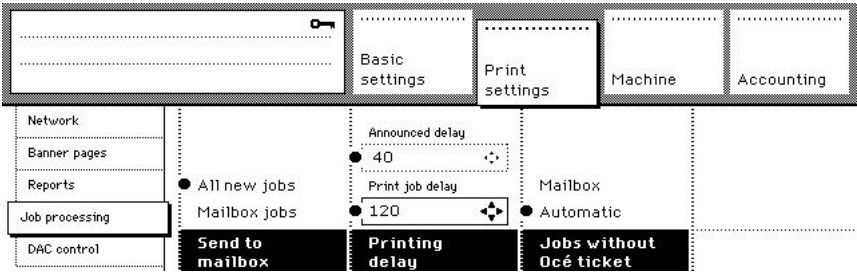
If the machine is mainly used for copy, scan or mailbox jobs, you can increase the print job delay. The longer interval, between two automatic print jobs, allows the users to start the jobs on an idle machine.

If the machine is mainly used for automatic printing, you can shorten the print job delay. The shorter interval between two automatic jobs prevents an accumulation of automatic print jobs in the print queue.

## Before you begin

1. Enter the Key Operator System.

## Illustration



[43] Define the printing delay timers

## Changing the print job delay

1. Activate the 'Print settings' section.
2. Open the 'Job processing' card.
3. Press the 'Printing delay' function key to select 'Print job delay' .  
Use the arrow keys ⇄ to define the print job delay.

Use the left arrow key ◀ and right arrow key ▶ to decrease or increase in 10 second steps.

### Changing the announced delay

1. Activate the 'Print settings' section.
2. Open the 'Job processing' card.
3. Press the 'Printing delay' function key to select 'Announced delay' .  
Use the arrow keys ⇄ to define the announced delay.  
Use the left arrow key ◀ and right arrow key ▶ to decrease or increase in 10 second steps.

### Check

1. Exit the key operator system.
2. To check the selection, send a series of automatic print jobs to the machine.  
Check that the timers work according to your purposes.



# **Chapter 6**

## **Control the Interrupt Mode**

# Disable the Interrupt mode

## Introduction

The interrupt mode allows users to suspend a large job so that a new job can be started. The suspended job continues after the new jobs are completed and the user exits the interrupt mode.

You can disable the interrupt mode if the interrupt mode proves to be unacceptable to the users.

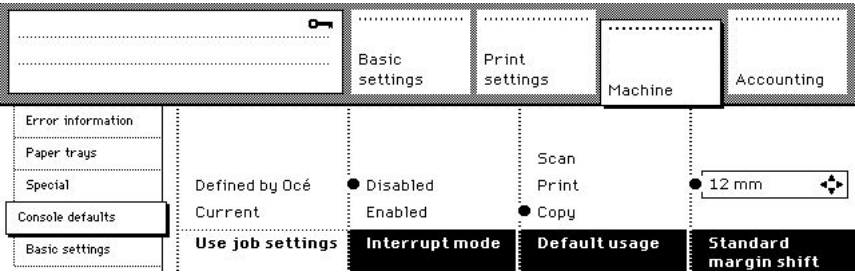
## Before you begin

- 1. Enter the Key Operator System.



**Note:**  
If a copy control device or an external finisher is installed, the interrupt mode does not work.

## Illustration



[44] Disable the interrupt mode

## Disabling the interrupt mode

- 1. Activate the 'Machine' section.
- 2. Open the 'Console defaults' card.
- 3. Press the 'Interrupt mode' function key to select 'Disabled' .

## Check

1. Exit the key operator system.
2. To check the selection, make a test copy job.  
Press the interrupt key  $\overline{\text{Z}}$  after the first set has been printed. The interrupt mode is not entered.



# **Chapter 7**

## **Obtain System Information**

# Print the DAC reports

## Introduction

The DAC reports list the configuration or system logs.  
You can print these reports.

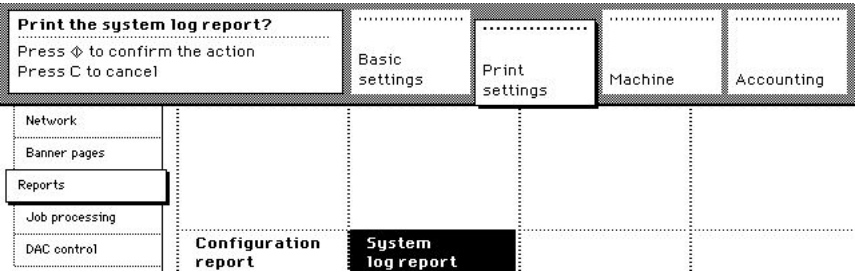
## Before you begin

- 1. Enter the Key Operator System.



*Note:*  
You can also use the Océ System Configuration to print the DAC reports.

## Illustration



[45] Print the DAC report

## Printing the DAC reports

- 1. Activate the 'Print settings' section.
- 2. Open the 'Reports' card.
- 3. Press the 'Configuration report' or the 'System log report' function key.
- 4. Press the start key  $\Diamond$  to confirm.

## Check

- 1. Exit the key operator system.
- 2. The selected report will be printed after you have left the key operator system.

# Reading Job-page Counters

## Introduction

The Océ VarioPrint 2070 Prémia Class records the number of job-page clicks and page charges.

The Océ VarioPrint 2070 Prémia Class provides the following procedures for retrieving the job counters:

- The key operator system records the number of job-page clicks for each operating mode as stored since the last installation.  
The copy count includes all clicks made during the copy mode.  
The print count includes all clicks made during the print mode.  
The scan count includes all clicks made during the scan mode.
- A total counter, behind the front main door of the machine, displays the total number of job-page clicks that the machine has made.  
Océ Service configures the charges for scan jobs. The configuration report records the configured charge for scan job pages *‘Print the DAC reports’ on page 86.*

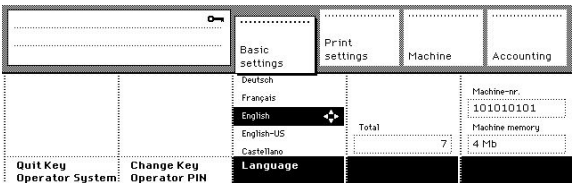
## Before you begin

1. Enter the Key Operator System.



**Note:**  
The accounting system records the job pages made by each user *‘About the accounting system’ on page 98.*

## Illustration

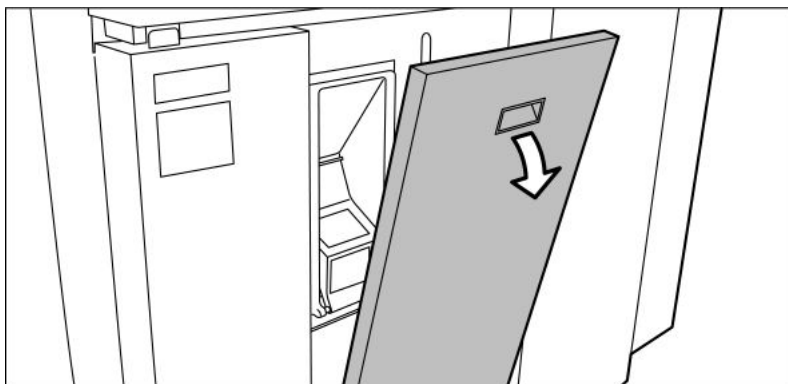


[46] Read the job page counters

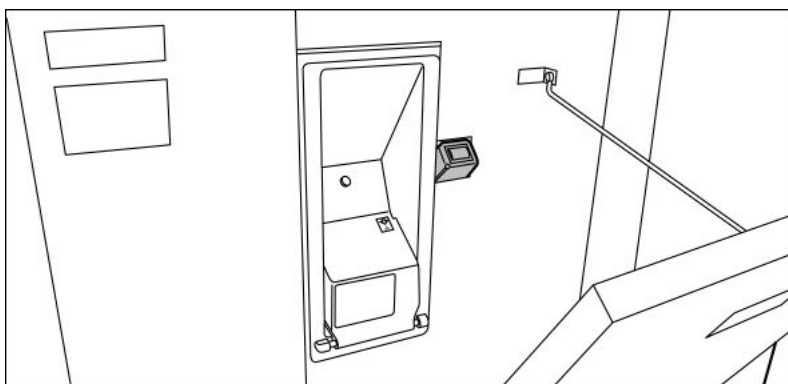
## Reading the job page counters in the key operator system

1. Activate the 'Basic settings' section.
2. The 'Copy/Print counters' and 'Scan counter' function box show the number of completed pages, handled during copy, print and scan jobs.

## Illustration



[47] Open the front door



[48] Read the total counter

## Reading the total counter

1. Open the front door.
2. Read the total counter.

# Check the machine memory

## Introduction

The default size of the machine memory is 128 Mb, but this can be extended.

You can check the machine memory in the configuration report *'Print the DAC reports'* [on page 86](#). If the scan module is not installed, check the machine memory in the key operator system.

## Before you begin

1. Enter the Key Operator System.

## Checking the machine memory in the key operator system

1. Activate the 'Basic settings' section.
2. The 'Memory' function box shows the machine memory.

# Check the machine number

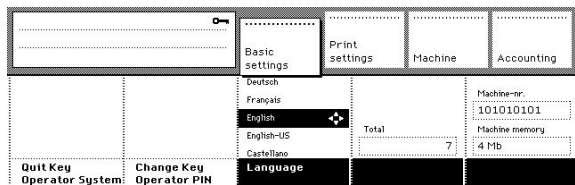
## Introduction

When you call Océ Service, you may be asked to give the machine number of your Océ VarioPrint 2070 Prémia Class.

## Before you begin

- 1. Enter the Key Operator System.

## Illustration



[49] Check the machine number

## Checking the machine number

- 1. Activate the 'Basic settings' section.
- 2. The 'Scan counter' function box shows the machine number.



**Note:**  
If the scan module is not installed, the function is called 'Memory'.

# **Chapter 8**

## **Define the Energy Saving Timers**

## About the Energy Saving Modes

### Definition

The Océ VarioPrint 2070 Prémia Class includes two energy saving modes: low-power mode and sleep mode. These modes, among others, allow efficient and economical energy consumption.

Océ Service can reconfigure the energy saving modes when the default settings are unsuitable.

### Low power mode

The Océ VarioPrint 2070 Prémia Class switches to the low power mode after the expiration of the low power time.

The Océ VarioPrint 2070 Prémia Class switches from the low power mode in the following circumstances:

- The start of an automatic print job.
- The user presses a key.
- The user places the originals.

### Sleep mode

The Océ VarioPrint 2070 Prémia Class switches to the sleep mode after the expiration of the sleep power time.

The Océ VarioPrint 2070 Prémia Class switches from the sleep mode in the following circumstances:

- The start of an automatic print job.
- The user presses a key.
- The user places the originals.

# Set the energy save timers

## Introduction

You can set the following energy saving timers:

- Low-power timer (1 to 15 minutes)
- Sleep-mode timer (1 to 90 minutes)

You can change the default values of the low-power timer (15 minutes) and sleep-mode timer (90 minutes).

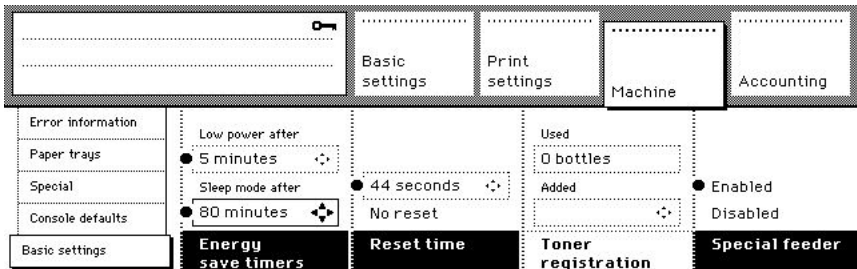
If the default values result in problems caused by the usage pattern, you can request that Océ Service increase the limits of both timers to a maximum of 240 minutes.

The machine requires eight seconds to switch back from low-power mode.  
The machine requires eight minutes to switch back from sleep mode.

## Before you begin

1. Enter the key operator system.

## Illustration



[50] Define the energy save timers on the Océ VarioPrint 2070 Prémia Class

## Defining the low power timer

1. Activate the 'Machine' section.
2. Open the 'Basic settings' card.
3. Press the 'Energy save timers' function key to select 'Low power after' .  
Use the left arrow key ◀ and right arrow key ▶ to increase or decrease in 10 second steps.

### Defining the sleep mode timer

1. Activate the 'Machine' section.
2. Open the 'Basic settings' card.
3. Press the 'Energy save timers' function key to select 'Sleep mode after' .  
Use the left arrow key ◀ and right arrow key ▶ to increase or decrease in 10 second steps.

### Check

1. Exit the key operator system.
2. Check to see if the timers work according to your needs.

# Disabling the Sleep Mode Timer

## Introduction

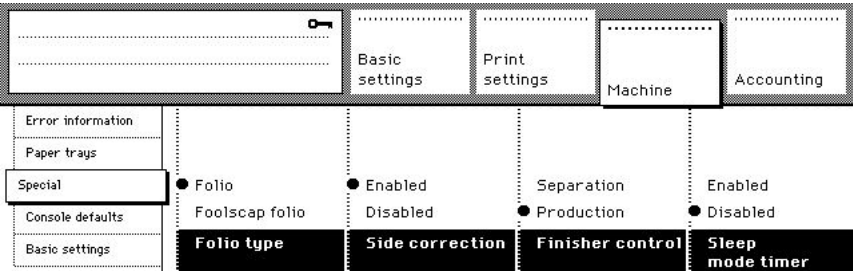
You can disable the sleep mode timer if the maximum settings prove to be unacceptable to the users.

Océ Service must reconfigure the system so that you can disable the sleep mode.

## Before you begin

1. Enter the key operator system.

## Illustration



[51] Disabling the Sleep Mode Timer

## Disabling the sleep mode

1. Activate the 'Machine' section.
2. Open the 'Special' card.
3. Press the 'Sleep mode timer' function key to select 'Disabled'.

## Check

1. Exit the Key Operator system.
2. Check to see if the timer is disabled.  
The sleep mode will not be switched after the expiration of the sleep mode time.



# **Chapter 9**

## **Control the Accounting System**

# About the accounting system

## Introduction

The accounting system supports the access-secured system. If you have activated the access-security, you must also apply the accounting system, to define the authorization for each user or each group of users *‘Secure the access to the machine’* on page 45.

The accounting system stores information about the user accounts.

The accounting system has the following features:

- Maintains up to 2000 user accounts.
- Defines the authorization of each user.
- Records the number of job pages that each user has made.

The Océ VarioPrint 2070 Prémia Class allows you to maintain the accounts database in the key operator system.



**Note:**

You can also use the Océ System Configuration to maintain the accounts database.

## Accounts database

The accounts database contains the user and system accounts. The following information is stored in the user account records.

Information	Description
User	Network user name.
Account number	Number identifying the user or group account.
PIN	Password to access the machine and mailbox.
Status	Status of the user account. The status can be open (valid) or closed (invalid): the status determines access to the machine.
Limit	Maximum number of job pages allowed.
Copies	Number of copy job pages completed. Job page multipliers are used to calculate the total.
Prints	Number of print job pages completed. Job page multipliers are used to calculate the total.

Information	Description
Scans	Number of scan job pages completed. Job page multipliers are used to calculate the total.

# Determine User Accounts

## About the System Accounts

### Introduction

The accounts database contains the following system accounts:

- Key operator account.
- Copy control device account.
- Copier user account.

You cannot delete the system accounts.

### System accounts

System account	Account number	Description
Key Operator	99997	The job pages, generated by the system, such as the DAC reports and the error pages, are charged to the key operator account. You can create any jobs on the key operator account if you use the key operator PIN. You can change the default PIN of the Key Operator .
Copy control device	99998	The job pages are charged to this system account if the copy control device is enabled.
Copier user account	99999	The job pages are charged to the user account only if the access-security is disabled.

# Create a valid user account

## Introduction

If you have secured the access to the machine, create valid user accounts to allow the users to enter the display screen menu *‘About the access-secured system’* on page 41.

## Before you begin

1. Check to insure that access to the machine has been secured *‘Secure the access to the machine’* on page 45.

## Illustration

<div>Key</div>			Basic settings		Print settings		Machine		Accounting	
Charges	Number	User	Status	PIN	Limit	Copies	Prints	Scans		
Database	34567		+	43115	-	0	0	0		
Account	45678		-	57034	-	0	0	0		
List of accounts	99999	Copier User	+	0	-	0	0	0		
General	Create account		Go to account		Change account number		Change PIN			

[52] A valid user account

## Creating a valid user account

1. Create a new user-account record or retrieve the record that has been added automatically *‘Create a new user-account record’* on page 102.
2. Check to insure that an account number has been assigned *‘Change the account number’* on page 104.
3. Check to insure that a PIN has been assigned *‘Assign or change a PIN’* on page 105.
4. Check to insure that the status of the user account is open (+) *‘Changing the Status’* on page 107.
5. Define the job-page limit for the user account *‘Defining the Job-page Limit’* on page 108.

## Check

1. Print the user-account information *‘Print the accounts-database file’* on page 115.

There are four procedures for creating a new record in the accounts database.

1. Create new user-account records using the key operator system. See the instructions below for creating this user account.
2. A user prints to the machine for the first time. A record with the network-user name of the user is automatically added to the accounts database if the mailbox of the user is opened.
3. Use the file transfer feature in the Key Operator System *'Print the accounts-database file'* on [page 115](#).
4. Use the file-transfer feature in the Océ System Configuration.

The operator panel on the Océ VarioPrint 2070 Prémia Class does not provide the alphanumeric keys to add the network-user name to the records. Therefore, to create a user account permitting at least the print mode, use procedure 2, 3 or 4.

To create a user account that is authorized only the copy and scan modes, apply any of the following procedures:

1. Enter the Key Operator System.

<div><div></div><div>Basic settings</div><div>Print settings</div><div>Machine</div><div>Accounting</div></div>								
Charges	Number	User	Status	PIN	Limit	Copies	Prints	Scans
Database	34567		+	43115	-	0	0	0
Account	45678		-	57034	-	0	0	0
List of accounts	99999 Copier User		+	0	-	0	0	0
General	Create account	Go to account			Change account number		Change PIN	

[53] The new user account added to the list

1. Activate the 'Accounting' section.
2. Open the 'List of accounts' card.
3. Press the 'Create account' function key.
4. Enter a unique 5-digit account number *'Change the account number' on page 104.*

### Create a user account with a network user name

1. Ask the user to print to the Océ VarioPrint 2070 Prémia Class.
2. If the user has printed to the mailbox, open it.  
If the job was automatically printed, the record is directly added.
3. Select the record and edit the record, if required.

### Check

1. Print the user-account information *'Print the accounts-database file'* on page 115.

# Maintain the Accounts Database

## Change the account number

### Introduction

The user account must have a unique user account number *‘About the access-secured system’ on page 41*. You can use sequential numbers or numbers assembled from the department or the group identifiers.

If required, you can change the account number.

### Before you begin

- 1. Enter the Key Operator System.

### Illustration

Enter new account number of 5 digits

Press  $\diamond$  to confirm the action

Press C to cancel

Basic settings

Print settings

Machine

Accounting

Charges	Number	User	Status	PIN	Limit	Copies	Prints	Scans
Database	34567		+	43115	-	0	0	0
Account	-----		-	57034	-	0	0	0
List of accounts	99999	Copier User	+	0	-	0	0	0
General	99998	Copy Charge Device	+	0	-	0	0	0

Create account

Go to account

Change account number

Change PIN

[54] Change the account number

### Changing an account number

- 1. Activate the 'Accounting' section.
- 2. Open the 'List of accounts' card.
- 3. Press the 'Change account number' function key.
- 4. Enter a unique 5-digit account number in the 'Number' function box.
- 5. Press the start key  $\diamond$  to confirm.

### Check

- 1. Print the user-account information *‘Print the accounts-database file’ on page 115*.

# Assign or change a PIN

## Introduction

To create a valid user account, the user account must have a PIN *About the access-secured system* on page 41.

If the machine is secured, a PIN is required to access the display screen menu *Create a valid user account* on page 101.

If the machine is not secured, a PIN can be used to secure a mailbox.

## Before you begin

1. Enter the Key Operator System.



**Note:**  
You cannot change the PIN of a system account.



**Note:**  
If required, you can change the PIN of the Key Operator through a function in the 'Basic settings' section *Changing the Default PIN of the Key Operator* on page 23.



**Note:**  
The PIN is not valid if the PIN is 00000.

## Illustration

Enter new PIN of 5 digits  
Press  $\Phi$  to confirm the action  
Press C to cancel

Basic settings

Print settings

Machine

Accounting

Charges	Number	User	Status	PIN	Limit	Copies	Prints	Scans
Database	12345	George	+	54321	100	0	0	0
Account	23456	John	+	--437	-	0	1	0
List of accounts	99997	Key Operator	+	31650	-	0	0	0
General	Create account	Go to account	Change account number	Change PIN				

[55] Change the PIN

### Assigning or changing a PIN

1. Activate the 'Accounting' section.
2. Open the 'List of accounts' card.
3. Use the arrow keys ⇄ to select the record of the user account.
4. Press the 'Change PIN' function key.
5. Enter a unique 5-digit PIN.
6. Press the start key ⬅ to confirm.

### Check

1. Print the user-account information *Print the accounts-database file* on page 115.

## Changing the Status

## Introduction

You can change the status of the user account to enable or disable access to the machine if access is secured *'About the access-secured system'* on page 41.

If the status is closed (-), the user account is invalid.

If the status is open (+), the user account is valid.

You must change the status of a user account when the user account automatically added has the '-' '*Secure automatic printing*' on page 47 status.

## Before you begin

1. Enter the Key Operator System.

## Illustration

				Basic settings		Print settings		Machine		Accounting	
Charges	Number	User	Status	PIN	Limit	Copies	Prints	Scans			
Database	12345	George	-	54321	-	0	0	0			
Account	23456	John	+	0	-	0	1	0			
List of accounts	34567		+	43115	-	0	0	0			
General	Change status		Change limit		Reset counters		Delete account				

### [56] Change the status

## Changing the status of a user account

1. Activate the 'Accounting' section.
2. Open the 'Account' card.
3. Use the arrow keys  $\leftarrow$  to select the record of the user account.
4. Press the 'Change status' function key to change the status.

## Check

1. Print the user-account information *'Print the accounts-database file'* on page 115.

# Defining the Job-page Limit

## Introduction

If the limit of a user account is 0, the user can create an unlimited number of job pages. To restrict the number of job pages, you can set a limit.

If the limit has been reached, you can reset the counters *‘Reset the job-page counters’* on [page 111](#).

## Before you begin

- 1. Enter the Key Operator System.

## Illustration

Enter new limit of 7 digits maximum  
0 = no limit  
Press  $\diamond$  to confirm the action  
Press C to cancel

Basic settings

Print settings

Machine

Accounting

	Status	PIN	Limit	Copies	Prints	Scans			
Database									
Account	12345	George	+	54321	----100	0	0	0	$\diamond$
List of accounts	23456	John	+	0	-	0	1	0	
General	34567		+	43115	-	0	0	0	
	Change status	Change limit		Reset counters		Delete account			

[57] Enter a job-page limit

## Defining the job-page limit for a user account

- 1. Activate the 'Accounting' section.
- 2. Open the 'Account' card.
- 3. Use the arrow keys  $\diamond$  to select the record of the user account.
- 4. Press the 'Change limit' function key.
- 5. Use the numeric keys to enter the limit.
- 6. Press the start key  $\diamond$  to confirm.

## Check

- 1. Print the user-account information *‘Print the accounts-database file’* on [page 115](#).

## Change the sequence of the user accounts

### Introduction

The user accounts in the accounts database are displayed in account-number sequence.

You can change the sequence and arrange the user accounts in alphabetical sequence based on user name. The user accounts that have no user name are placed at the end of the list.

### Before you begin

1. Enter the Key Operator System.

### Illustration

<div> <div>Key</div> <div>Basic settings</div> <div>Print settings</div> <div>Machine</div> <div>Accounting</div> </div>																																	
<div>Charges</div> <div>Database</div> <div>Account</div> <div>List of accounts</div> <div>General</div>	<table border="1"> <thead> <tr> <th>Number</th> <th>User</th> <th>Status</th> <th>PIN</th> <th>Limit</th> <th>Copies</th> <th>Prints</th> <th>Scans</th> </tr> </thead> <tbody> <tr> <td>34567</td> <td></td> <td>+</td> <td>43115</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>45678</td> <td></td> <td>-</td> <td>57034</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>99999</td> <td>Copier User</td> <td>+</td> <td>0</td> <td>-</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> <div> <div>Create account</div> <div>Go to account</div> <div>Change account number</div> <div>Change PIN</div> </div>	Number	User	Status	PIN	Limit	Copies	Prints	Scans	34567		+	43115	-	0	0	0	45678		-	57034	-	0	0	0	99999	Copier User	+	0	-	0	0	0
Number	User	Status	PIN	Limit	Copies	Prints	Scans																										
34567		+	43115	-	0	0	0																										
45678		-	57034	-	0	0	0																										
99999	Copier User	+	0	-	0	0	0																										

[58] The sequence of the user accounts based on number

<div> <div>Key</div> <div>Basic settings</div> <div>Print settings</div> <div>Machine</div> <div>Accounting</div> </div>													
<div>Charges</div> <div>Database</div> <div>Account</div> <div>List of accounts</div> <div>General</div>	<table border="1"> <tr> <td>Secured</td> <td>Manual</td> <td>Number</td> <td>Enabled</td> </tr> <tr> <td> <input checked="" type="radio"/> Unsecured         </td> <td> <input checked="" type="radio"/> Automatic         </td> <td> <input checked="" type="radio"/> User         </td> <td> <input type="radio"/> Disabled         </td> </tr> <tr> <td>Access to machine</td> <td>Authorize print account</td> <td>Sort accounts by</td> <td>Copy control device</td> </tr> </table>	Secured	Manual	Number	Enabled	<input checked="" type="radio"/> Unsecured	<input checked="" type="radio"/> Automatic	<input checked="" type="radio"/> User	<input type="radio"/> Disabled	Access to machine	Authorize print account	Sort accounts by	Copy control device
Secured	Manual	Number	Enabled										
<input checked="" type="radio"/> Unsecured	<input checked="" type="radio"/> Automatic	<input checked="" type="radio"/> User	<input type="radio"/> Disabled										
Access to machine	Authorize print account	Sort accounts by	Copy control device										

[59] Change the sequence of the user accounts

### Changing the sequence of the user accounts

1. Activate the 'Accounting' section.
2. Open the 'General' card.
3. Press the 'Sort accounts by' function key to select 'User' or 'Number'.

## Check

1. Print the user-account information *Print the accounts-database file* on page 115.

# Reset the job-page counters

## Introduction

You can reset the job-page counters to allow the users to start jobs when the limit has been reached.

If necessary, you can simultaneously reset the job page counters of all users.

## Before you begin

- 1. Enter the Key Operator System.



**Attention:**

You cannot reverse the reset action.

## Illustration

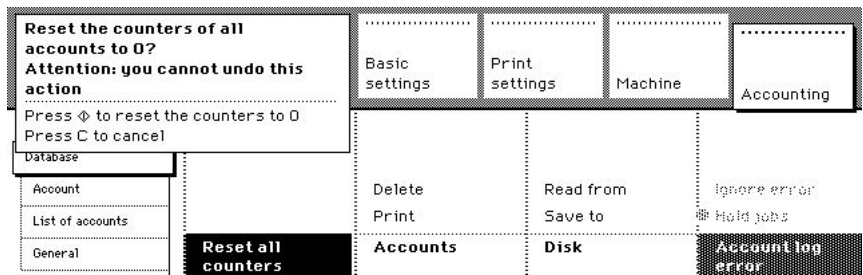
<b>Reset the counters of this account to 0?</b> Press $\Phi$ to confirm Press C to cancel			Basic settings		Print settings		Machine		Accounting	
Charges	Number	User	Status	PIN	Limit	Copies	Prints	Scans		
Database	12345	George	+	54321	-	0	9	0		
Account	23456	John	+	0	-	0	1	0		
List of accounts	34567		+	43115	-	0	0	0		
General	Change status		Change limit		Reset counters		Delete account			

[60] Reset the job-page counters of a user account

## Resetting the job-page counters of a user account

- 1. Activate the 'Accounting' section.
- 2. Open the 'Account' card.
- 3. Use the arrow keys  $\diamond$  to select the record of the user account.
- 4. Press the 'Reset counters' function key.
- 5. Press the start key  $\diamond$  to confirm.

Illustration



[61] Reset the job-page counters of all user accounts

Resetting the job-page counters of all user accounts

- 1. Activate the 'Accounting' section.
- 2. Open the 'Database' card.
- 3. Press the 'Reset all counters' function key.
- 4. Press the start key F to confirm.

Check

- 1. Print the user-account information *Print the accounts-database file* on page 115.

# Delete the user accounts

## Introduction

If a user account is no longer required, delete the record from the accounts database.

If necessary, simultaneously delete all user accounts.

The deleted account numbers are available for new user accounts.

## Before you begin

1. Enter the Key Operator System.



**Attention:**  
You cannot undo the delete action.



**Note:**  
You cannot delete the system accounts.

## Illustration

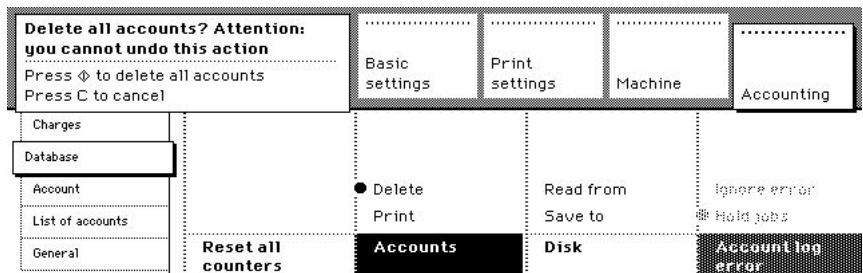
<b>Delete this account?</b> Press $\diamond$ to confirm Press C to cancel		Basic settings		Print settings		Machine		Accounting	
Charges	Number	User	Status	PIN	Limit	Copies	Prints	Scans	
Database	34567		+	43115	-	0	0	0	
Account	45678		-	57034	-	0	0	0	$\diamond$
List of accounts	99997	Key Operator	+	31650	-	0	0	0	
General	99998	Copy Charge Device	+	0	-	0	0	0	
Change status		Change limit		Reset counters		Delete account			

[62] Delete a user account

## Deleting a user account

1. Activate the 'Accounting' section.
2. Open the 'Account' card.
3. Use the arrow keys  $\diamond$  to select the record of the user account.
4. Press the 'Delete account' function key.
5. Press the start key  $\diamond$  to confirm the action.

Illustration



[63] Delete all user accounts

Deleting all user accounts

- 1. Activate the 'Accounting' section.
- 2. Open the 'Database' card.
- 3. Press the 'Accounts' function key to select 'Delete' .
- 4. Press the start key ⬠ to confirm the action.

Check

- 1. Print the user-account information *Print the accounts-database file* on page 115.

# Obtain Accounts Database Information

## Print the accounts-database file

### Introduction

You can print the accounts-database file stored on the DAC.

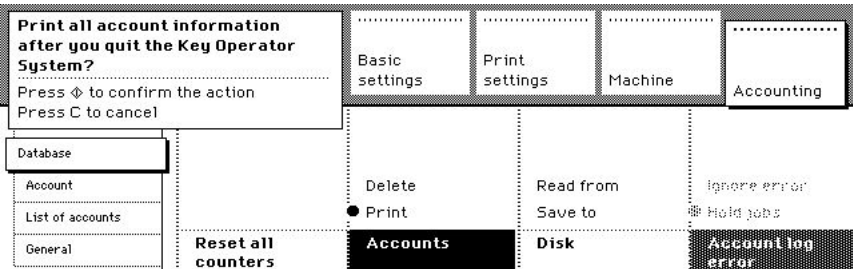
### Before you begin

1. Enter the Key Operator System.



**Note:**  
You can also use the Océ System Configuration to print the accounts-database file.

### Illustration



[64] Print the accounts-database file

### Printing the accounts-database file

1. Activate the 'Accounting' section.
2. Open the 'Database' card.
3. Press the 'Accounts' function key to select 'Print'.
4. Press the start key  $\diamond$  to confirm.

### Check

1. Exit the key operator system.
2. The report will be printed after you have left the key operator system.

# Download or upload the accounts-database file

## Introduction

You can download or upload the user-account information stored on the DAC.

To remotely add or to edit the user-account information, download the accounts-database file to a diskette, edit the fields in the opened document and upload the file to the DAC again. The accounts-database file has the CSV (Comma Separated Value) format. Open the accounts-database file in a spreadsheet or database program. The file-transfer feature allows you to simultaneously add a large number of user accounts.

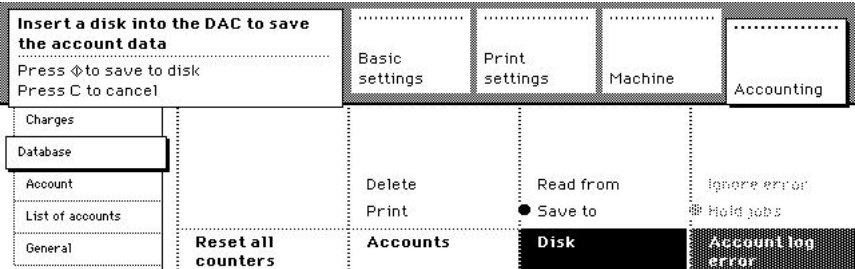
## Before you begin

- 1. Enter the key operator system.
- 2. Insert a 3.5 inch diskette in the disk drive of the DAC.



**Note:**  
You can also use the Océ System Configuration to transfer the accounts database file.

## Illustration

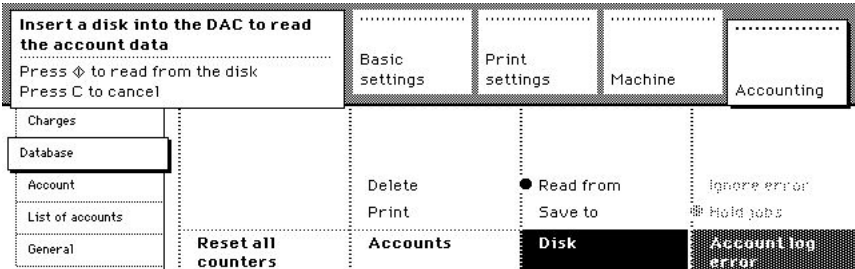


[65] Download the accounts-database file

## Downloading the user-account information

- 1. Activate the 'Accounting' section.
- 2. Open the 'Database' card.
- 3. Press the 'Disk' function key to select 'Save to'.
- 4. Press the start key to confirm.

Illustration



[66] Upload the accounts-database file

Uploading the user-account information

- 1. Activate the 'Accounting' section.
- 2. Open the 'Database' card.
- 3. Press the 'Disk' function key to select 'Read from' .
- 4. Press the start key ⬠ to confirm.

Check

- 1. If you have added new user-account information to the database, print the user-account information to check the record fields *'Print the accounts-database file'* on page 115.




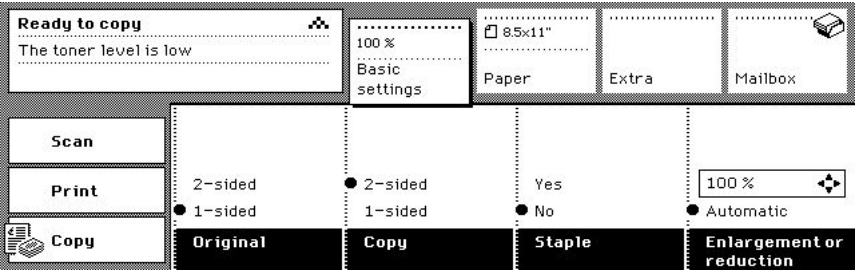
# **Chapter 10**

## **Maintain the System**

# Add the toner

## Introduction

The Océ VarioPrint 2070 Prémia Class reports when the toner level is low .



[67] The toner level is low

Make sure that you correctly follow the steps of the instruction.

If the toner reservoir has been filled, indicate that you have added a new bottle of toner in the key operator system.

## Before you begin

1. Enter the Key Operator System.



**Attention:**

Do not add the toner unless the machine requests.



**Attention:**

Only use F11 toner.



**Attention:**

Do not use more than one bottle of toner at a time.

**Attention:**

Keep the Océ VarioPrint 2070 Prémia Class switched on while you add the toner.

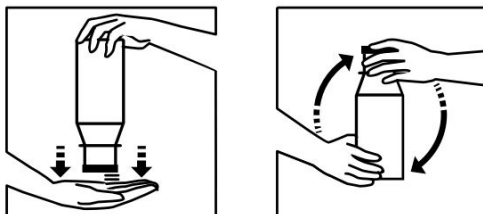
---

**Attention:**

If you spill any toner, read the Safety Data Sheets for instructions on how to remove the toner.

---

## Illustration

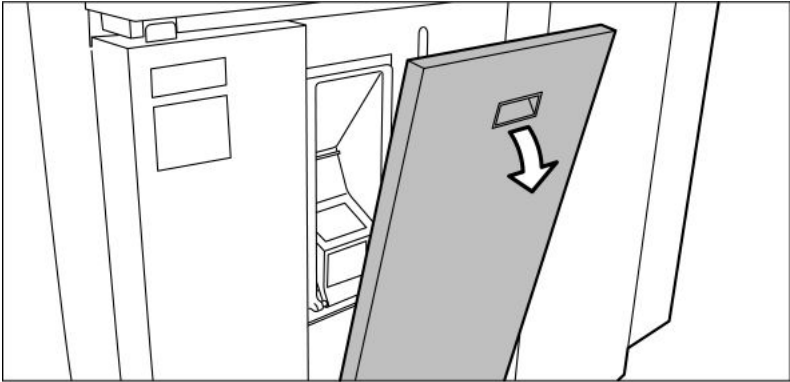


[68] Prepare the new bottle of toner

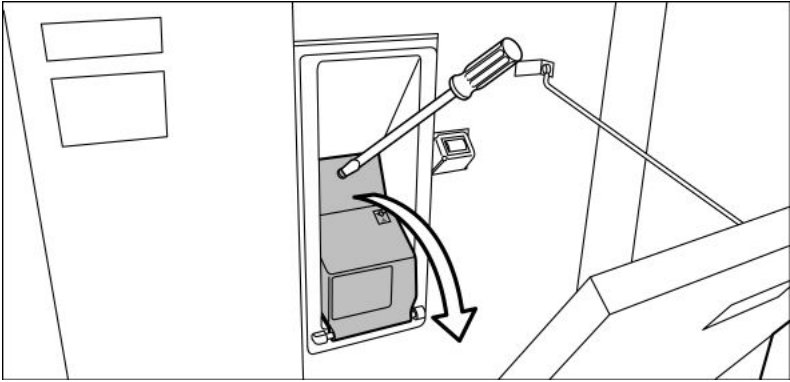
## Preparing the new bottle of toner

1. Tap five times on the bottle and rotate the bottle twenty times.
2. Remove the lid from the bottle.  
Do not break the seal.

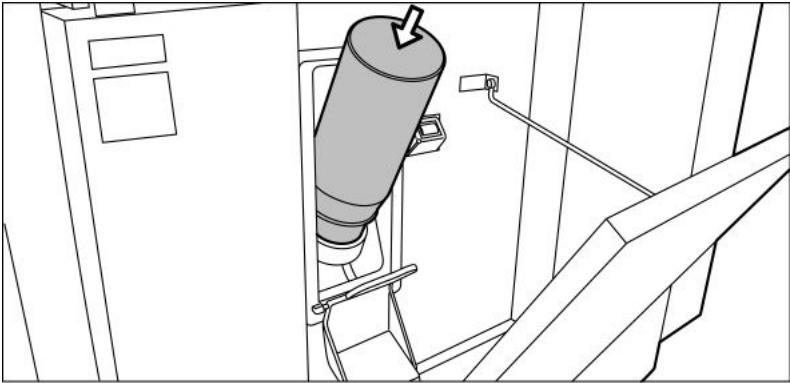
Illustration



[69] Open the front door



[70] Open the cover of the toner reservoir



[71] Insert the bottle into the toner reservoir and press down

## Filling the toner reservoir

1. Open the front door.
2. Use a coin or screwdriver to open the cover of the toner reservoir.
3. Open the black lid of the reservoir.
4. Insert the toner bottle into the toner reservoir.
5. Remove the bottle when the bottle is empty.
6. Place the lid on the empty bottle.

## Close the toner reservoir

1. Close the cover of the toner reservoir.
2. Close the front door.

## Illustration

<b>Indicate the number of bottles that you added</b> Press $\diamond$ to confirm the action Press C to cancel		Basic settings	Print settings	Machine	Accounting
Error information	Low power after ● 5 minutes $\leftrightarrow$		Used 1 bottles		
Paper trays	Sleep mode after ● 80 minutes $\leftrightarrow$	● 44 seconds $\leftrightarrow$	Added 1 $\leftrightarrow$	● Enabled	
Special		No reset		Disabled	
Console defaults					
Basic settings	Energy save timers	Reset time	Toner registration	Special feeder	

[72] Register the added toner

## Registering the added toner

1. Activate the 'Machine' section.
2. Open the 'Basic settings' card.
3. Press the 'Toner registration' function key.  
Use the arrow keys  $\leftrightarrow$  to indicate that you have added one bottle of toner.
4. Press the start key  $\diamond$  to confirm.

## Check

1. Exit the key operator system.
2. Check to see that the low-toner symbol is no longer displayed.

## Add the staples

### Introduction

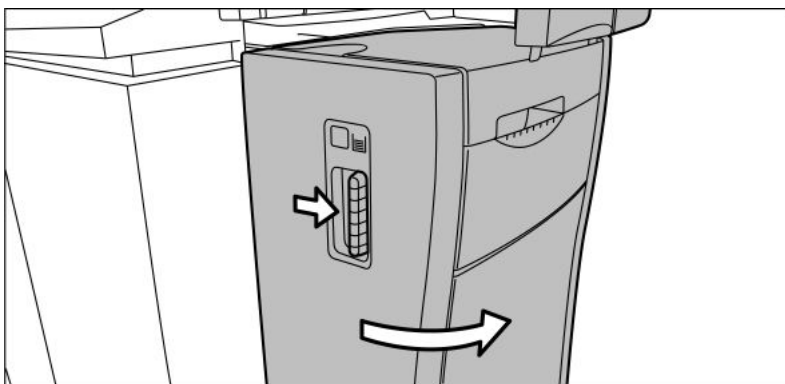
The Océ VarioPrint 2070 Prémia Class has two staplers, an off-line stapler and an internal stapler.

The Océ VarioPrint 2070 Prémia Class reports if the stapler is empty.

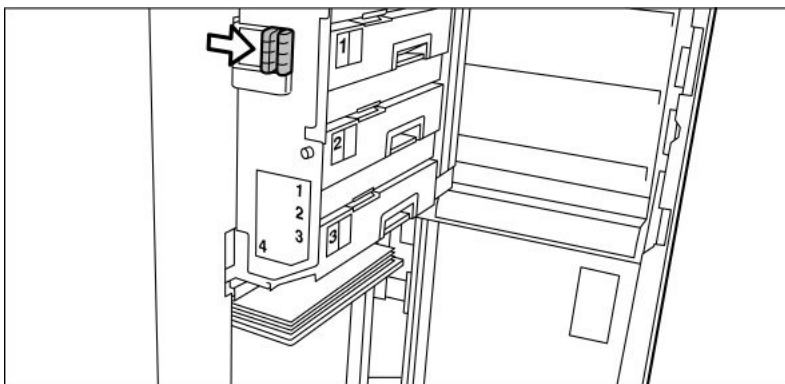
The new staples are available in a cartridge.

Use S2 staples for both staplers.

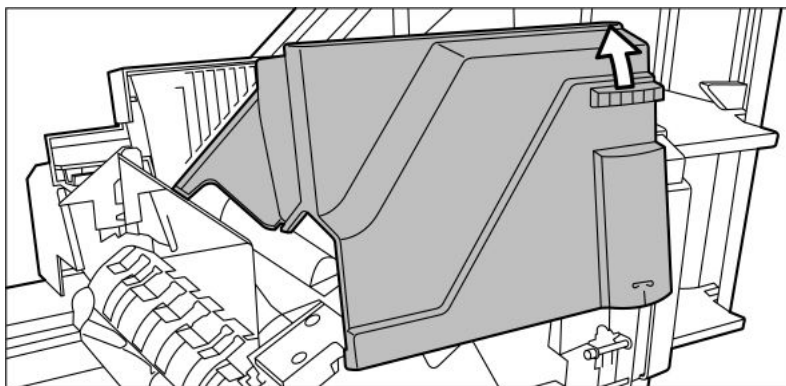
### Illustration



[73] Open the paper-compartment door



[74] Slide the frame of the paper-compartment door to the right

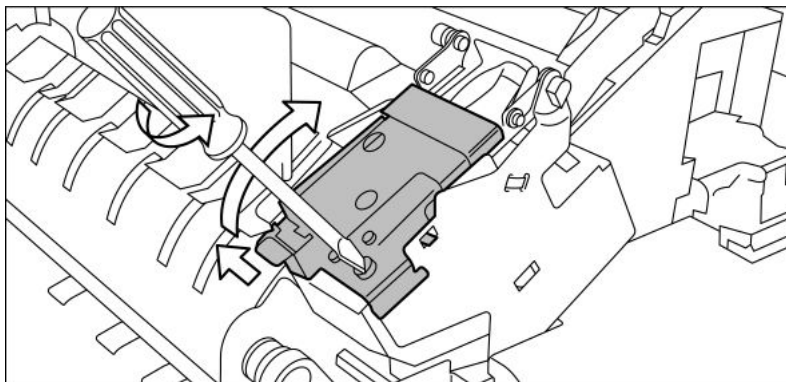


[75] Raise the top cover of the finisher

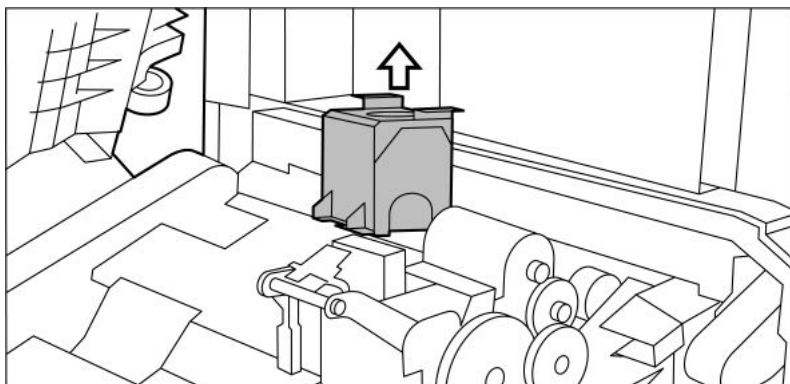
### Accessing the stapler

1. Open the paper-compartment door.
2. Slide the frame of the paper-compartment door to the right.
3. Raise the top cover of the finisher.

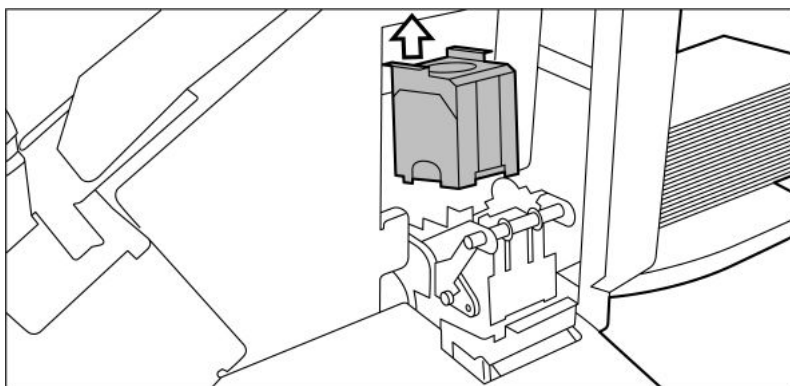
### Illustration



[76] Loosen the screw and lift out the internal stapler unit



[77] Remove the empty staple cartridge from the internal stapler



[78] Remove the empty staple cartridge from the off-line stapler

### Accessing the staple cartridge

1. Loosen the screw of the latch on the stapler unit.
2. Move the latch backwards.
3. Pull the lever backwards and lift out the stapler unit.  
The stapler unit turns over.
4. Remove the empty staple cartridge.

### Adding the new staple cartridge

1. Remove any individual staples that have remained in the staple path and on the anvil.
2. Slide a new staple cartridge in the stapler unit until the cartridge clicks into place.

### Closing the internal stapler unit

1. Turn over the stapler unit.
2. Pull the lever of the stapler unit backwards and push the stapler down as far as it goes. Release the lever.
3. Move the latch forwards and tighten the screw.

### Closing the covers and doors

1. Lower the top cover.
2. Slide the frame to the left until the frame locks in position.
3. Close the paper-compartment door.

### Check

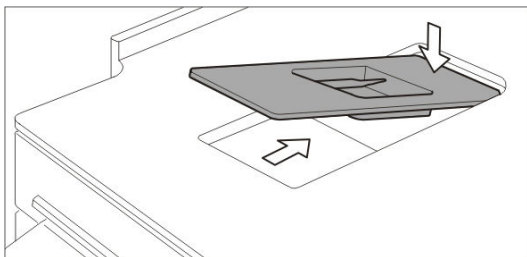
1. To test the new internal staple cartridge, start stapled copy jobs until the first staple is inserted.  
To test the new off-line staple cartridge, staple a set until the first staple is inserted.

## Empty the staple receptacle

### Introduction

The Océ VarioPrint 2070 Prémia Class has a staple removal unit on the top left cover. The removed staples are stored in a receptacle. You must empty a full staple receptacle.

### Illustration



[79] Empty the staple receptacle

### Emptying the staple receptacle

1. Remove the receptacle from the holder. Take care that the staples do not fall into the machine.
2. Empty the receptacle and replace the receptacle in the original position.

---

## Clean the Océ VarioPrint 2070 Prémia Class

### Introduction

You must keep the glass platen clean. If the glass platen is dirty, the quality of the output and the process of original transport decreases.

If necessary, clean the outside of the machine with a damp cloth. You can use a solution of soap.

**Attention:**

Do not use a solution that contains alcohol to clean the operator panel. You can damage the materials of the Océ VarioPrint 2070 Prémia Class.

---

**Attention:**

If you spill any toner, read the Safety Data Sheets for instructions on how to remove the toner.

---

### Cleaning the platen of the Océ VarioPrint 2070 Prémia Class

1. Make a solution of soap and warm water.  
You can also use Océ Cleaner O to clean the platen.
2. Use a cloth, moistened with the soapy water or the Océ Cleaner O solution, to clean the platen.
3. Dry the platen with a dry clean cloth.  
Make sure the platen is dry before a job is started.

### Cleaning the outside and operating panel of the Océ VarioPrint 2070 Prémia Class

1. Make a solution of soap and warm water.
2. Use a cloth, moistened with the soapy water, to clean the outside and operating panel.
3. Dry the Océ VarioPrint 2070 Prémia Class with a dry clean cloth.  
Make sure the parts of the Océ VarioPrint 2070 Prémia Class are dry before a job is started



# **Chapter 11**

## **Correct Errors**

# Change the account-log mode

## Introduction

The account-log feature traces and records the job information. The account-log feature is job-based and does not require any access control. When a job is ready, the information about the job is sent from the machine memory to the DAC. The information is stored and can be downloaded when you run the Océ System Configuration.

The account-log system has two modes for managing the job information transfer if the connection with the DAC has been lost. You can change the default setting to protect the job processing of the machine.

Print the System log file to refer to information about any errors that have occurred *[Print the DAC reports](#)* on page 86.

To change the account-log mode, proceed as follows:

Account-log mode	Result
'Hold jobs'	The default setting. If the connection with the DAC is lost, recording of the job information continues until 25 jobs are completed. Any subsequent jobs are prevented and a message is displayed. To enable new jobs, change the mode to 'Ignore error'
'Ignore error'	If the connection with the DAC is lost, recording of the job information continues until 25 jobs are completed. Any subsequent jobs result in replacing the earliest of the 25 stored jobs with the new job information.

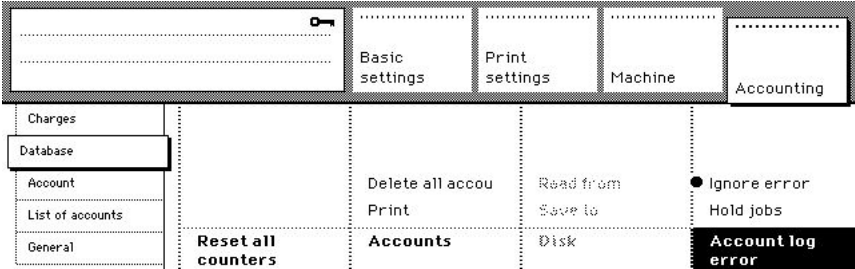
If the connection with the DAC is restored, the machine automatically sets the mode to 'Hold jobs' .

The mode 'Hold jobs' is also selected when the machine is switched off and on again.

## Before you begin

1. Enter the Key Operator System.

Illustration



[80] Change the account-log mode

Changing the account-log mode

- 1. Activate the 'Accounting' section.
- 2. Open the 'Database' card.
- 3. Press the 'Account log error' function key to select 'Ignore error' .

Check

- 1. Exit the key operator system.
- 2. Check to see that the machine behaves according to your needs.

# Restart the DAC

## Introduction

To solve some errors, you are requested to restart the DAC. If an error occurs, the Océ VarioPrint 2070 Prémia Class reports that a restart of the DAC is necessary.

## Before you begin

- 1. Enter the Key Operator System.



**Attention:**

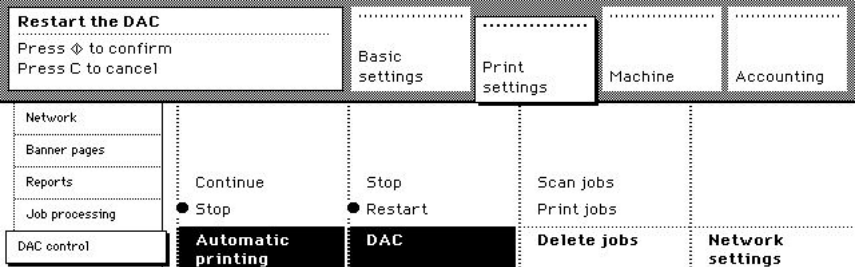
When restarting the DAC do not use the ON / OFF or the Reset button on the DAC. The restart must be performed using the key operator system.



**Note:**

You can also use the Océ System Configuration to stop or restart the DAC.

## Illustration



[81] Restart the DAC

## Restarting the DAC

- 1. Activate the 'Print settings' section.
- 2. Open the 'DAC control' card.
- 3. Press the 'DAC' function key to select 'Restart' .

## Check

1. Quit the key operator system.
2. To check, make sure that the problems have been solved.

# Delete the jobs

## Introduction

If there are problems with the job transfer, an excessive load can be placed on the DAC. You can delete the jobs to regain space.

If you delete the print jobs, all the print jobs will be deleted.

If you delete the scan jobs, all the scan jobs, which are not yet transferred to the DAC, will be deleted.

## Before you begin

1. Enter the Key Operator System.



**Attention:**

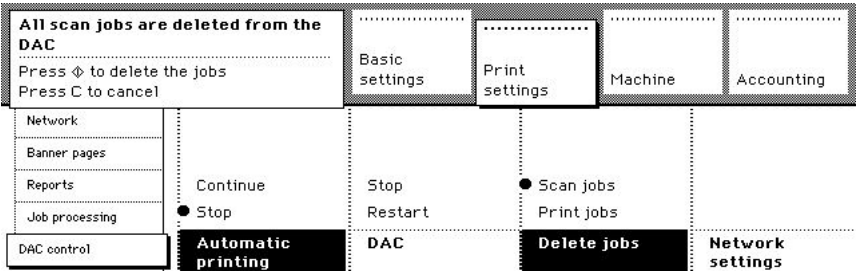
You cannot reverse the delete actions.



**Note:**

You can also use the Océ System Configuration to delete one or more jobs.


## Illustration



[82] Delete the scan jobs

## Deleting the jobs

1. Activate the 'Print settings' section.
2. Open the 'DAC control' card.
3. Press the 'Delete jobs' function key to select 'Print jobs' or 'Scan jobs'.

4. Press the start key  to confirm.

## Check

1. Exit the key operator system.
2. Check to insure that the problems have been solved.

# Restoring the Network Settings

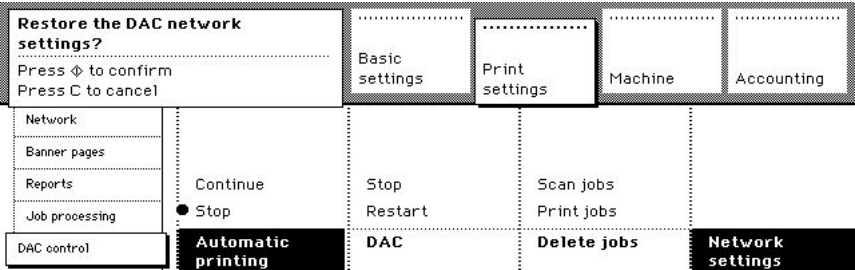
## Introduction

The connection from a remote workstation to the DAC can be lost because the changed DAC network configuration does not work. The former network settings are retained in the DAC memory. You can restore the former network settings on the DAC using the key operator system.

## Before you begin

- 1. Enter the Key Operator System.

## Illustration



[83] Restore the network settings

## Restoring the network settings

- 1. Activate the 'Print settings' section.
- 2. Open the 'DAC control' card.
- 3. Press the 'Network settings' function key.
- 4. Press the start key  $\diamond$  to confirm.

## Check

- 1. Exit the key operator system.
- 2. Check to insure that the problems have been solved.

# Disable the side correction

## Introduction

The side correction feature of the Océ VarioPrint 2070 Prémia Class Paper Positioning Module controls the exact positioning of the material from the paper trays to the printing unit.

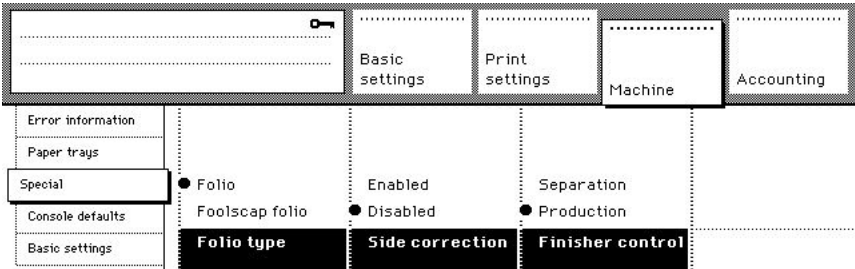
You must disable the side correction in the following circumstances:

- The paper trays are filled with unbacked overhead sheets.  
The use of unbacked overhead sheets in the paper trays can result in a side-correction error. The use of overhead sheets in the special tray cannot result in side-correction errors.
- The Océ VarioPrint 2070 Prémia Class reports when the side correction has failed.  
You are requested to switch the machine off and then back on. If the problem reoccurs, disable the side correction. Inform Océ Service about the side-correction failure during the next visit of the service technician. You can still use the machine for the jobs after you have disabled the side correction.

## Before you begin

1. Enter the Key Operator System.

## Illustration



[84] Disable the side correction

## Disabling the side correction

1. Activate the 'Machine' section.
2. Open the 'Special' card.
3. Press the 'Side correction' function key to select the 'Disabled'.

## Result

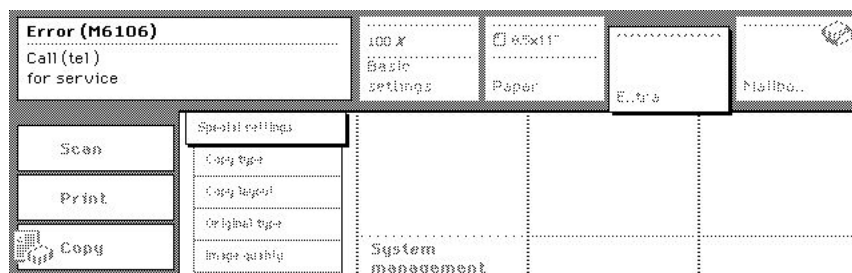
1. Quit the key operator system.
2. Create a test job to check whether the problems have been solved.

## Informing the Users about the Océ Service Request

## Introduction

When an important error has occurred, the Océ VarioPrint 2070 Prémia Class reports that Océ Service must be called.

You can inform the users through a message that Océ Service has been called. The setting in the key operator system is available only when an error occurs.



[85] User Screen Océ Service has been called

## Before you begin

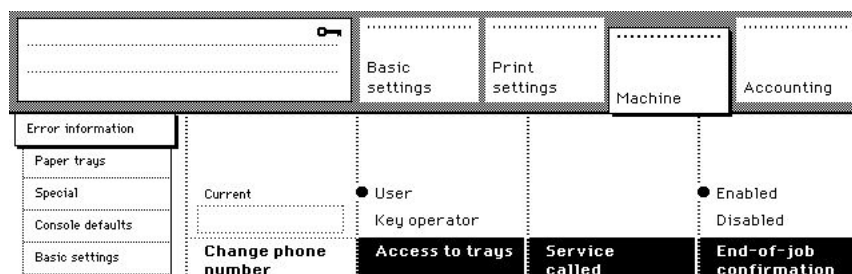
1. Enter the Key Operator System.



*Note:*

When the display has turned gray and the Key Operator system is not available, keep the '1' and 'o' keys pressed until you can enter the Key Operator System.

## Illustration



## [86] Informing users About an Océ Service Request

### Informing users about an Océ Service request

1. Activate the 'Machine' section.
2. Open the 'Error information' card.
3. Press the 'Service called' function key.

### Check

1. Exit the key operator system.
2. Make sure that the message appears on the display screen.

## Clear the paper jams

### Introduction

If a paper jam occurs, the Océ VarioPrint 2070 Prémia Class reports the problem. You can instruct the user what to do.

- Give instructions for clearing the paper jam; or
- call the key operator.

If the paper-compartment door is locked, the user must call the key operator. If the paper-compartment door is not locked, you can decide whether the Key Operator must be called if a paper jam occurs *'Control the access to the paper trays'* on page 51.

The Océ VarioPrint 2070 Prémia Class gives the users instructions on how to clear the paper jam. The graphics indicate in which part of the Océ VarioPrint 2070 Prémia Class the paper has stopped.

The instruction shows the grips, the covers and the doors of the Océ VarioPrint 2070 Prémia Class. You must lift, press or open these parts to move the units and to reach the jammed paper.

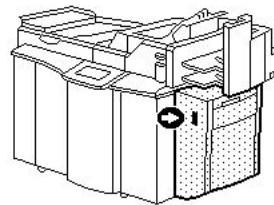
The instructions guide you through a sequence of steps to correct the problem. If the jams occur in more than one location, the message box continues to give instructions until all paper jams have been cleared.

When the paper jam has been cleared, new instructions follow for continuing the job.

### Illustration

#### Remove the paper

- 1 Open the paper compartment door at ➡
- 2 Slide the frame marked A to the right
- 3 Remove the sheets at ➡ and ⬅  
(See the sticker inside the machine)
- 4 Slide the frame to the left until the frame locks into place
- 5 Close the door



[87] User Screen Instructions for clearing a paper jam

### Clearing a paper jam

1. Read the instructions on the display screen.
2. Follow the instructions.

**Check**

1. Check to see that the paper jam has been cleared.

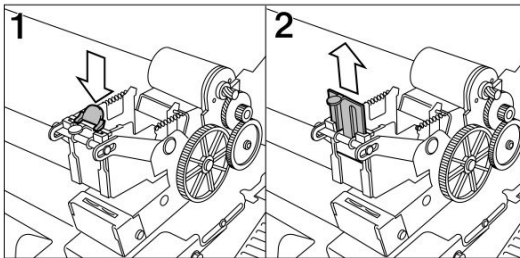
## Clear the staple jams

### Introduction

If a staple jam occurs, the stapler does not work correctly.

Follow the instructions on how to add the staples *'Add the staples'* on page 124. First, access the stapler unit. Then, remove the staples from the unit and check the staple cartridge. If the staple cartridge caused the problem, keep the cartridge. Give the cartridge to Océ Service during the the service technician's next visit. Finally, replace the staple cartridge and close the stapler unit.

### Illustration



[88] Instructions for Clearing a Staple Jam

### Removing jammed staples

1. At the right, push the green lever backwards.
2. At the left, raise the green lever and lift the stapler strip.
3. Remove any jammed staples.
4. Lower the stapler strip.
5. Slide the staple cartridge in the stapler unit until the cartridge clicks into place.

### Check

1. Make sure that the stapler works correctly.



# **Appendix A**

## **Overview and Tables**

## Product Specifications

Feature	Specification
Process	Organic photo conductor Océ Copy Press technology Océ Image Logic Océ Finisher control 600-dpi LED digital copying
Scan Speed	54 pages/minute
Print Speed	62 A4/Letter 8.5x11 pages/minute, single-sided or double-sided
Resolution	Scan: 300 x 400 dpi Print: 600 x 600 dpi
Warm-up Time	8 minutes
Machine Memory	128 MB minimum
Zoom	25% minimum 400% maximum

# Originals to use

Originals	Input	Specifications
Sizes	Platen	11.69 x 17" maximum
	Automatic document feeder	5 x 8" minimum 11.69 x 17" maximum
Weights	Platen	22 lb. maximum
	Automatic document feeder	75 8.5 x 11" or 5.5 x 8.5" sheets (20 lb. bond) 50 8.5 x 11" or 5.5 x 8.5" sheets (32 lb. bond) 35 11 x 17" sheets (20 lb. bond)
Types	Platen	Any type of original
	Automatic document feeder	Slightly curled Not damaged originals 1-sided or 2-sided Perforated 2 or 4 holes



**Note:**  
Do not use transparent originals in the automatic document feeder.

# Input Trays and Output Bins

## Specifications for paper tray 1, 2 and 3

Sheet capacity (80 g/m <sup>2</sup> )	Media sizes Europe	Media sizes USA	Weight
500	A3 (Only for paper tray 1 and 2) A4 A5 Commercial Folio Foolscap Quarto	Tabloid 11x17 (Only for paper tray 1 and 2) Legal 8.5x13 Legal 8.5x14 Legal Gov 8.5x12 Letter Gov 8.5x10 Letter 8.5x11 US-Gov 8x10.5 US-Std 5.5x8.5	60 - 170 g/m <sup>2</sup>

Remember that:

- You can use perforated paper in the trays, with a maximum of 5 holes.
- You can use the 120 - 170 g/m<sup>2</sup> paper as covers or as a single sheet for a job with only 1 set.
- The machine is configured for Europe or USA paper sizes.
- Paper tray 1 is adjustable by the user.  
Paper tray 2 and 3 are adjustable by Océ Service.
- Refer to the media specifications for more information about media formats and sizes *Media* 'on page 153.

## Specifications for tray 4

Sheet capacity (80 g/m <sup>2</sup> )	Media sizes Europe	Media sizes USA	Weight
2200	A4	Letter 8.5x11	60 - 120 g/m <sup>2</sup>

Remember that:

- You can use perforated paper in the tray, with a maximum of 5 holes.
- The machine is configured for Europe or USA paper sizes.
- Refer to the media specifications for more information about media formats and sizes *Media* 'on page 153.

## Specifications for special feeder

Sheet capacity	Media sizes Europe	Media sizes USA	Weight
1	A4 (SEF and LEF) Folio Foolscap A3	Letter 8.5x11 (SEF and LEF) Legal 8.5x13 Legal 8.5x14 Tabloid 11x17	50 - 200 g/m <sup>2</sup>

Remember that:

- You can use perforated paper in the special feeder.
- The machine is configured for Europe or USA paper sizes.
- You can use printed paper in the special feeder if the correct ink is used. Contact your local Océ organization for the ink specifications.

## Specifications for the output bin

Output	Capacity (80 g/m <sup>2</sup> )	Media sizes Europe	Media sizes USA	Weight
Upper finisher bin	850 no staple	A4	Letter 8.5x11	75 - 170 g/m <sup>2</sup>
	120 stapled, 2 sheets / set			
Lower finisher bin	1150 no staple	A4	Letter 8.5x11	75 - 170 g/m <sup>2</sup>
	120 stapled, 2 sheets / set			
Multi-size bin	450 minimum	A5 minimum A3 maximum	US Std 5.5x8.5 minimum Tabloid 11x17 maximum	75 - 170 g/m <sup>2</sup>

Output	Capacity (80 g/m <sup>2</sup> )	Media sizes Europe	Media sizes USA	Weight
Error bin		A5 minimum A3 maximum	US Std 5.5x8.5 minimum Tabloid 11x17 maximum	75 - 170 g/m <sup>2</sup>
Stapler	50 sheets	A4	Letter 8.5x11	80 g/m <sup>2</sup> maximum
	35 sheets	A4	Letter 8.5x11	80 - 120 g/m <sup>2</sup>

Remember that:

- The recommended capacity, size and weight specifications enable a paper process without problems. Do not exceed the recommended ranges and limits.
- Refer to the media specifications for more information about media formats and sizes *Media* 'on page 153

# Media

## Media sizes for the European configured Océ VarioPrint 2070 Prémia Class

European media sizes

Size (mm)	Media name	Orientation	Use in tray	Use in special feeder
148.5 * 210	A5	SEF	1, 2 and 3	No
203.2 * 254	Quarto	SEF	1, 2 and 3	No
203 * 330	Foolscap	SEF	1, 2 and 3	Yes
210 * 270	Commercial	SEF	1, 2 and 3	No
210 * 297	A4	LEF	1, 2, 3 and 4	Yes
		SEF	1, 2 and 3	Yes
210 * 330	Folio	SEF	1, 2 and 3	Yes
297 * 420	A3	SEF	1 and 2	Yes

## Media sizes for the US configured Océ VarioPrint 2070 Prémia Class

US media sizes

Size (inch)	Media name	Orientation	Use in tray	Use in special feeder
5.5 * 8.5	US Std 5.5x8.5	SEF	1, 2 and 3	No
8 * 10.5	US Gov 8x10.5	SEF	1, 2 and 3	No
8.5 * 10	Letter Gov 8.5x10	SEF	1, 2 and 3	No
8.5 * 11	Letter 8.5x11	LEF	1, 2, 3 and 4	Yes
		SEF	1, 2 and 3	Yes
8.5 * 13	Legal 8.5x13	SEF	1, 2 and 3	Yes
8.5 * 14	Legal 8.5x14	SEF	1, 2 and 3	Yes
11 * 17	Tabloid 11x17	SEF	1 and 2	Yes

## Océ materials for the paper trays

- Océ Red Label Paper
- Océ Office Standard Paper
- Océ Recycled Label Paper.
- Océ Top Labels.

- Océ Coloured Labels.
- Océ Parchment Paper.
- Océ Top Coated Paper.
- Océ Embossed Coloured Paper.



**Note:**

Refer to the Océ web site [www.oce.com](http://www.oce.com) for the complete overview of supplies.



**Note:**

Make sure that you select the paper weight recommended for the paper trays. If the paper weight is more than 170 g/m<sup>2</sup>, use the special feeder.

### Materials for the special tray

- Océ Top Labels CD White Opaque 2/A4.
- Océ Clear Film Self-adhesive.
- Océ Overhead Film B&W MC 110/111//210.



**Note:**

Refer to the Océ web site [www.oce.com](http://www.oce.com) for the complete overview of supplies.

**Appendix B**  
**Safety Information**

# Instructions for safe use

## Introduction

Océ designed products have been tested in accordance with the strictest international safety standards. To help assure safe working with these products, it is important that you observe the following safety rules.

## Maintenance

Instructions
Do not remove any screws from fixed panels.
Do not carry out maintenance activities except for the parts and maintenance materials mentioned in this manual.
Do not place any liquids on the machine.
Use maintenance materials or other materials for their original purpose only.
Keep maintenance materials away from children.
Do not mix cleaning fluids or other substances.
To avoid the risk of introducing hazards, all modifications to Océ equipment are strictly reserved to properly qualified and trained service technicians.

## Connection

Instructions
Do not move the machine yourself, but contact your local Océ organization.
If for some reason you have to move the machine yourself, please make sure that the mains power point has the right fuse capacity. See the safety data sheet in this information set for information about maximum current.
Do not bridge any mechanical or electrical circuit breakers.
It is recommended connect only those copy-control products (or other products) which meet the (inter)national product safety and radio frequency interference standards, and to use an attachment cable as specified by Océ.
Do not use an extension lead to connect the machine.
This machine is not designed for connection to an IT power system. An IT power system is a voltage network in which the neutral wire is not connected to earth.

Instructions
For the equipment connected via a wall socket: locate the machine close to a wall socket that is easily accessible.
For the equipment connected via a fixed connection to the electricity grid: the disconnect device in the fixed connection should be easily accessible.
Never connect the machine to a mains voltage deviating from the value as defined on the power-marking label. If connection to a different mains voltage is required, contact your local Océ organization.
Do not use another mains connection cable than the one supplied with the machine. When replacement of the main connection cable is required, because the cable is damaged or defect, contact your local Océ organization for a correct replacement of the mains connection cable.

## Surroundings

Instructions
Do not block the ventilation openings of the machine.
Ensure that the machine is placed on a level, horizontal surface of sufficient strength. See the Océ VarioPrint 2070 Prémia Class Product safety data sheets in this appendix for information about the weight of the equipment.
Ensure there is sufficient space around the machine. This facilitates reloading materials as well as maintenance.
Do not place the machine in rooms which are too small or insufficiently ventilated. See the Océ VarioPrint 2070 Prémia Class Product safety data sheets in this appendix for information about the recommended room volume and ventilation.

## General

Instructions
Always use materials recommended by Océ and developed for this Océ machine. Materials not approved by Océ may result in faults in your machine.
Do not use the machine when it is emitting unusual sounds. Remove the plug from the power socket or turn off the fixed connection to the electricity grid and contact your local Océ organization.

## Safety Data Sheets

### Introduction


The disclaimer below is valid for all safety data sheets in this manual. For questions about Océ products regarding health, safety and environment, please contact your Océ organization; you can find the address in the last appendix of this manual.

### Disclaimer



The safety data sheets in this manual have been compiled to the best of our knowledge as a compact guide to safe handling of this product. We reserve the right to revise safety data sheets as new information becomes available. It is the user's responsibility to determine the suitability of this information for the adoption of safety precautions as may be necessary and to contact the company to make sure that the sheet is the latest one issued. If and in so far as limitation of liability is permitted under the applicable laws, we do not accept liability for any inaccuracy that may occur in this information.

# Océ VarioPrint 2070 Préamia Class Safety Data Sheet

PRODUCT SAFETY DATA SHEET



Number E-759-a-US  
 Date November 2002

Model	Océ VarioPrint 2070			Digital Access Controller
Description	Electrostatic digital copier/printer, console model, plain paper, organic photoconductive belt, powder toner, automatic duplexing			
Process speed	62 A4 prints/min or 31 A3 prints/min			
Dimensions	Width	Depth	Height	
	1720 mm			390 mm
	900 mm (incl. spacers)			432 mm
	1386 mm			108 mm
Weight	415 kg			11 kg
Voltage	120 V	208 V	240 V	240 V
Frequency	60 Hz	60 Hz	60 Hz	60 Hz
Current-rated	15 A	9 A	8 A	0.5 A
Building fuse	20 A	16 A	16 A	3 A
Power consumption, stand by	405 W (total system)			
Power consumption, operation	1,8 kW (total system)			
EPA ENERGY STAR™				
* Power consumption, sleep mode	75 W (total system)			
* Power consumption, low-power	235 W (total system; recovery time <10 s)			
Mains connection	Cable with plug			
Safety class	I (IEC 536) Protective earth connection			
Protection class	IP 20 (IEC 529)			
Sound pressure level (at operator position)	<b>Standby</b> Lp(A) = 35 dB(A)			
Sound power level	<b>In operation</b> mainbody Lp(A) = 59 dB(A); incl. optionals Lp(A) = 64 dB(A); impulse Δ L <sub>i</sub> = 4 dB(A)			
Radio interference	Lw(A) = 48 dB(A) Complies with Directive 89/336/EEC and FCC rules and regulations, part 15 Class A.			
Radiation	Below the Threshold Limit Values for UV, Visible and IR radiation (TLV list of ACGIH)			
Heat emission	Standby 405 W; in operation 1,8 kW			
Ozone emission	0,01 mg/min at continuous operation			
Room volume	Recommendation: min. 30 m <sup>3</sup>			
Room ventilation	Recommendation: min. 15 m <sup>3</sup> /h (natural ventilation) For heat evacuation extra ventilation may be necessary.			
Use simulation at random operation	Room volume and ventilation as recommended Daily copy volume (much more than average) 11250 A4 Total worktime 8 h			
	Ozone concentrations:			
	- Time weighted average			
	- Peak			
	Threshold Limit Value/Occupational Exposure Limit			
	(Time Weighted Average) for ozone			
	Odour Perception Limit for ozone			
	0,001 mg/m <sup>3</sup> (0.0005 ppm)			
	0,003 mg/m <sup>3</sup> (0.0015 ppm)			
	0,2 mg/m <sup>3</sup> (0,1 ppm)			
	0,04 mg/m <sup>3</sup> (0,02 ppm)			
Consumables	Océ Master (Océ Material Safety Data Sheet E-193) Océ F11 Toner (Océ Material Safety Data Sheet E-212) Océ Copying Materials This apparatus is suitable for processing recycling paper which complies with the requirements of DIN 19309.			
Additional safety information	The ozone filter does not have to be replaced for keeping the ozone concentration in the workplace below 0,04 mg/m <sup>3</sup> (the life of the filter equals that of the apparatus).			
Listed according to standard UL 1950 and CAN/CSA-C22.2 No.950			EPA ENERGY STAR™	
				
LISTED 927F			INFORMATION TECHNOLOGY EQUIPMENT	
E 69871				

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Safety data sheet Océ F11 toner

# MATERIAL SAFETY DATA SHEET

2001/58/EC and ISO 11014-1)

Number

E-212-b-UK

Date

July 2002

Page

1 of 2

## Océ F11 Toner

### 1. Product and company identification

Product name	Océ F11 Toner
Packing	Polyethylene bottle, contents 0,80 kg
Use of product	Ink powder for copiers/printers
Company	Océ (UK) Ltd.
Address	Langston Road, Loughton, Essex IG10 3SL
Telephone	0870 600 5544 (contact product safety coordinator)
Telefax	0870 600 1133

### 2. Composition / information on ingredients

Ingredients-Name	CAS No./EC No.	EC-Symbol, R-Phrases	Weight %
Amorphous silica	68611-44-9/271-893-4	none	< 1
Carbon black	1333-86-4 / 215-609-9	none	1-5
Phenoxy resin	PMN P-95-461	none	10-25
Iron oxide	1317-61-9/215-277-5	none	25-50
Polyester resins	170831-75-1/ polymer	none	25-50

### 3. Hazards identification

The product is not classified as a dangerous preparation according to Directive 1999/45/EC for the classification, packaging and labelling of dangerous substances and preparations. To our knowledge, with due observance of the recommended exposure limits and of normal hygiene these products present no health hazard in normal use.

In a toner dust cloud the formation of an explosive dust-air mixture is possible. Toner dust may cause discomfort for the eyes and respiratory tract, in the same manner as inert nuisance dust.

### 4. First aid measures

Eyes contact	Rinse with plenty of water.
Skin contact	Wash with cold water and soap.
Inhalation	Clean nose, mouth, throat. Cough up. Fresh air.
Ingestion	Rinse mouth with water. If large quantity swallowed seek medical advice.

For any medical advice take along this material safety data sheet.

### 5. Fire fighting measures

Extinguishing media	Dry chemical, carbon dioxide, water spray (fog), foam.
Special fire fighting protective equipment	N.A. (= Not Applicable)
Combustion products	Carbon dioxide, carbon monoxide

### 6. Accidental release measures

Avoid breathing dust. Do not wash away into sewer. Spills can be cleaned with a vacuum cleaner or a damp rag. Avoid formation of dust.

### 7. Handling and storage

Keep bottle tightly closed to prevent dust formation. Handle carefully. Avoid breathing dust.  
Room ventilation: see operator manual or safety data sheet for the copier/printer.  
No special technical measures for storage.  
Directions for use: see toner label and operator manual of the copier/printer.


### 8. Exposure controls / personal protection

No special technical measures. No personal protective equipment needed.  
Industrial hygiene: after skin contact wash with cold water and soap.  
ACGIH Threshold Limit Value are 10 mg/m<sup>3</sup> for inhalable particulate and 3 mg/m<sup>3</sup> for respirable particulate.  
TLV for \* amorphous silicon dioxide 10 mg/m<sup>3</sup>  
          \* carbon black 3,5 mg/m<sup>3</sup>

MATERIAL SAFETY DATA SHEET (2001/58/EC and ISO 11014-1)		Number Date Page	E-212-b-UK July 2002 2 of 2	
<b>Océ F11 Toner</b>				
<b>9. Physical and chemical properties</b>				
Explosion limits (dust explosion)	LEL approx. 60 g/m <sup>3</sup> UEL U	Bulk density (kg/m <sup>3</sup> )	approx. 1000	
Appearance and odour	black powder, faint odour	Ignition temperature (°C)	U (= unknown)	
Boiling point (°C)	N.A.	Softening point (°C)	approx. 50	
Solubility in water	insoluble	Evaporation rate (butyl acetate = 1)	N.A.	
Vapour pressure	N.A.	% Volatile	0	
Other characteristics	N.A.	pH (solution)	N.A.	
<b>10. Stability and reactivity</b>				
Stability	Stable			
Conditions to avoid	None known			
Materials to avoid	None known			
Hazardous decomposition products	Hazardous decomposition does not occur under normal conditions.			
<b>11. Toxicological information</b>				
Inhalation	* At high concentration in air the powder may cause discomfort of upper respiratory system.			
Skin	* No adverse health effects are expected.			
Eyes	* Dust may cause discomfort in the same manner as nuisance dust.			
Ingestion	* Considered relatively harmless.			
Mutagenicity	No mutagenicity detected in Ames test.			
* These statements are based on toxicological literature on the ingredients of this product and test results of similar products.				
<b>12. Ecological information</b>				
This product is not biodegradable. The ingredients are not classified as ecologically hazardous. No adverse environmental effects are expected.				
<b>13. Disposal considerations</b>				
Pack waste dustproof to prevent dusting. With due observance of local laws and regulations, dispose of by burial in a sanitary landfill or incineration. Do not throw in open fire, in order to prevent the risk of a dust explosion. Waste code according to Decision 2001/118/EC: 080318 (= toner waste not classified as hazardous waste).				
<b>14. Transport information</b>				
This product is not classified as dangerous substance according to the international transport regulations: IMDG (sea), ADR (road), RID (rail), ICAO/IATA (air).				
<b>15. Regulatory information</b>				
None				
<b>16. Other information</b>				
Complete revision of E-212-a dated September 1997, in accordance with Directive 2001/58/EC.				
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162 Appendix B - Safety Information

<b>MATERIAL SAFETY DATA SHEET</b> (2001/58/EC and ISO 11014-1)		Number Date Page	E-236-b-UK May 2004 2 of 2	
<b>Océ Master, Part Nos. 7133927/1060012192</b>				
<b>9. Physical and chemical properties</b>				
Appearance and odour	dark purple odourless belt	Density (g/cm <sup>3</sup> )	approx. 1,4	
Boiling point (°C)	N.A.	Melting point (°C)	N.A.	
Vapour density (air = 1)	N.A.	Evaporation rate (butyl acetate = 1)	N.A.	
Solubility in water	Insoluble	% Volatile	0	
Vapour pressure	N.A.	pH (solution)	N.A.	
Other characteristics	N.A.			
<b>10. Stability and reactivity</b>				
Stability	Stable			
Conditions to avoid	None known			
Materials to avoid	None known			
Hazardous decomposition products	Hazardous decomposition does not occur under normal use conditions.			
<b>11. Toxicological information</b>				
Inhalation	N.A.			
Skin	No adverse health effects are expected. (Based on toxicological literature on the ingredients of this product)			
Eyes	N.A.			
Ingestion	N.A.			
Mutagenicity	No mutagenicity detected in Ames test of similar product. None of the ingredients is listed as mutagenic or carcinogenic.			
<b>12. Ecological information</b>				
This product is not biodegradable.				
The ingredients are not classified as ecologically hazardous. No adverse environmental effects are expected.				
<b>13. Disposal considerations</b>				
With due observance of local laws and regulations, dispose of by burial in a sanitary landfill or incineration.				
<b>14. Transport information</b>				
This product is not classified as dangerous substance according to the international transport regulations: IMDG (sea), ADR (road), RID (rail), ICAO/IATA (air).				
<b>15. Regulatory information</b>				
This product is an article and contains no hazardous substances. Therefore, indications of special risks or safety advice on the packing are not prescribed for this product.				
<b>16. Other information</b>				
Revision of E-236-a dated August 2003, Part No. 1060012192 added in section 1.				
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# **Appendix C**

## **Miscellaneous**

Reader's comment sheet

Questions

- Have you found this manual to be accurate?  
☐ Yes  
☐ No
- Were you able to operate the product, after reading this manual?  
☐ Yes  
☐ No
- Does this manual provide sufficient background information?  
☐ Yes  
☐ No
- Is the format of this manual convenient in size, readability and arrangement (page layout, chapter order, etc.)?  
☐ Yes  
☐ No
- Could you find the information you were looking for?  
☐ Always  
☐ Most of the times  
☐ Sometimes  
☐ Not at all
- What did you use to find the required information?  
☐ Table of contents  
☐ Index
- Are you satisfied with this manual?  
☐ Yes  
☐ No
- Thank you for evaluating this manual.  
If you have other comments or concerns, please explain or suggest improvements overleaf or on a separate sheet.

**Comments:**

-----  
-----  
**Date:**

This reader's comment sheet is completed by:  
(If you prefer to remain unknown, please do fill in your occupation)

**Name:**

**Occupation:**

**Company:**

**Phone:**

**Address:**

**City:**

**Country:**

Please return this sheet to:

Océ-Technologies B.V.  
For the attention of ITC User Documentation.  
P.O. Box 101,  
5900 MA Venlo  
The Netherlands

Send your comments by E-mail to: [itc-userdoc@oce.com](mailto:itc-userdoc@oce.com)

For the addresses of local Océ organisations see: <http://www.oce.com>

## Addresses of local Océ organisations

<p>Océ-Australia Ltd. P.O. Box 363 Ferntree Gully MDC Vic 3165 <b>Australia</b> <a href="http://www.oce.com.au/">http://www.oce.com.au/</a></p>	<p>Océ-Österreich GmbH Postfach 95 1233 Vienna Wienerbergstrasse 11 Vienna Twin Tower 1100 Vienna <b>Austria</b> <a href="http://www.oce.at/">http://www.oce.at/</a></p>
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<p>Océ-Canada Inc. 4711 Yonge Street, Suite 1100 Toronto, Ontario M2N 6K8 <b>Canada</b> <a href="http://www.oce.ca/">http://www.oce.ca/</a></p>	<p>Océ Office Equipment (Beijing) Co., Ltd. Xu Mu Cheng Chaoyang District Beijing 100028 <b>China</b> <a href="http://www.oce.com.cn/">http://www.oce.com.cn/</a></p>
<p>Océ-Czech Republic ltd. Hanusova 18 140 21 Praha 4 <b>Czech Republic</b> <a href="http://www.oce.cz/">http://www.oce.cz/</a></p>	<p>Océ-Danmark a/s Vallensbækvej 45 2605 Brøndby <b>Denmark</b> <a href="http://www.oce.dk/">http://www.oce.dk/</a></p>
<p>Océ Finland OY Valkjärventie 7 D, PL 3 02130 Espoo <b>Finland</b> <a href="http://www.oce.fi/">http://www.oce.fi/</a></p>	<p>Océ-France S.A. 32, Avenue du Pavé Neuf 93161 Noisy-le-grand, Cedex <b>France</b> <a href="http://www.oce.fr/">http://www.oce.fr/</a></p>
<p>Océ-Deutschland GmbH Solinger Straße 5-7 45481 Mülheim/Ruhr <b>Germany</b> <a href="http://www.oce.de/">http://www.oce.de/</a></p>	<p>Océ-Hong Kong and China head office 12/F 1202 The Lee Gardens 33 Hysan Avenue Causeway Bay <b>Hong Kong</b> <a href="http://www.oce.com.hk/">http://www.oce.com.hk/</a></p>

<p>Océ-Hungaria Kft. 1241 Budapest Pf.: 237 <b>Hungary</b> <a href="http://www.oce.hu/">http://www.oce.hu/</a></p>	<p>Océ-Ireland Ltd. 3006 Lake Drive Citywest Business Campus Saggart Co. Dublin <b>Ireland</b> <a href="http://www.oce.ie/">http://www.oce.ie/</a></p>
<p>Océ-Italia S.p.A. Strada Padana Superiore 2/B 20063 Cernusco sul Naviglio (MI) <b>Italia</b> <a href="http://www.oce.it/">http://www.oce.it/</a></p>	<p>Océ Japan Corporation 3-25-1, Nishi Shinbashi Minato-Ku Tokyo 105-0003 <b>Japan</b> <a href="http://www.ocejapan.co.jp/">http://www.ocejapan.co.jp/</a></p>
<p>Océ-Belgium S.A. Rue Astrid 2/A 1143 <b>Luxembourg</b>-Belair <a href="http://www.oce.lu/">http://www.oce.lu/</a></p>	<p>Océ Malaysia Sdn. Bhd. #3.01, Level 3, Wisma Academy Lot 4A, Jalan 19/1 46300 Petalig Jaya Selangor Darul Ehsan <b>Malaysia</b> <a href="http://www.ocemal.com.my/">http://www.ocemal.com.my/</a></p>
<p>Océ-Mexico S.A. de C.V. Prolongación Reforma 1236, 4to Piso Col. Santa Fé, Del. Cuajimalpa C.P. 05348 México, D.F. <b>MÁ©xico</b> <a href="http://www.oceusa.com/">http://www.oceusa.com/</a></p>	<p>Océ-Norge A.S. Postboks 4434 Nydalen Gjerdrums vei 8 0403 Oslo <b>Norway</b> <a href="http://www.oce.no/">http://www.oce.no/</a></p>
<p>Océ-Poland Ltd. Sp.z o.o. ul. Bitwy Warszawskiej 1920 r. nr. 7 02-366 Warszawa <b>Poland</b> <a href="http://www.oce.com.pl/">http://www.oce.com.pl/</a></p>	<p>Océ-Lima Mayer, S.A. Av. José Gomes Ferreira, 11 Piso 2 - Mi- raflones 1497-139 Algés <b>Portugal</b> <a href="http://www.oce.pt/">http://www.oce.pt/</a></p>
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**Note:**  
The web site <http://www.oce.com> gives the current addresses of the local Océ organisations and distributors.



**Note:**  
The addresses of local Océ organisations for information about the Wide Format Printing Systems and the Production Printing Systems can be different from the addresses above. Refer to the web site <http://www.oce.com> for the addresses you need.

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